British Columbia Economic Accounts 1982–1991

Province of British Columbia

Ministry of Finance and Corporate Relations
Treasury Board Secretariat
Statistics Branch

Honourable Glen Clark, Minister

The data in this publication can be obtained on floppy disks (in ASCII format) for a fee of $75.

Please make cheques payable to:

Minister of Finance and Corporate Relations

For more information, or to request a copy of the *Accounts*, contact:

Statistics Branch, Treasury Board Secretariat
Ministry of Finance and Corporate Relations
2nd floor, 1405 Douglas Street
Victoria, B.C.
V8V 1X4

Phone: (604) 356-8856

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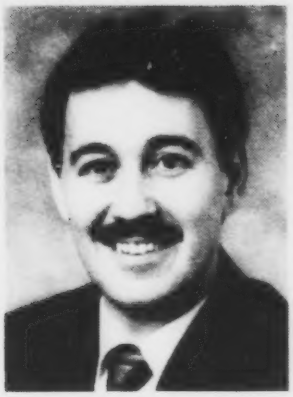

Message from the Minister

I am pleased to present this year's edition of the *British Columbia Economic Accounts: 1982–1991*.

This publication is an essential tool for analyzing and forecasting economic performance, bringing together information on key economic activities such as production, income and consumption.

The *Accounts* report on major economic indicators in a clear, concise and timely manner. This edition features a special article on developing new estimates on the tourism industry.

We have included a feedback sheet again this year, as we're always interested in what you think of this publication. Please send your comments, suggestions and questions to:

Ruth McDougall
Business and Economic Statistics Section
Statistics Branch
Treasury Board Secretariat
Ministry of Finance and Corporate Relations
2nd Floor, 1405 Douglas Street
Victoria, British Columbia
V8V 1X4

Telephone (604) 356-8856
FAX (604) 387-0380

Glen Clark

Glen Clark
Minister

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Introduction

Introduction

The *British Columbia Economic Accounts* (also known as the BCEA or the *Accounts*) are the principal estimates of aggregate economic activity in the province. They translate information on key economic processes such as production, income, capital formation, consumption and savings into a consistent system of statistics which can be used to explain the functioning of the economy. In addition, the *Accounts* contain important data on price changes and the relative growth of various industries over time.

The *Accounts* have been developed by BC Stats—the Statistics Branch of the Treasury Board Secretariat—in accordance with internationally accepted principles of economic accounting. The principles are similar to those recommended by the United Nations and adopted by Statistics Canada in preparing the Canadian System of National Accounts.[1]

The National Accounts and Environment Division of Statistics Canada is the main source of data for the BCEA. Other important data sources include the Industry Measures and Analysis Division, other areas within Statistics Canada, and various federal and provincial government agencies. The quarterly data, some of the constant dollar figures and gross domestic product (GDP) by industry estimates for most of the service sector are prepared by BC Stats. The **sources and methods** appendix provides more information on the methodology used to generate the estimates in the *Accounts*. A **quality assessment** of the estimates reported in this publication is included in Appendix II.

Although this edition of the BCEA only includes data for 1982–1991, tables with historical information for the period from 1961–1981 are available on request. The diskette version of the publication will continue to cover the entire period from 1961–1991.

This edition features a special article on the estimation of GDP in the tourism industry. The article contains a description of the concepts, assumptions and techniques employed, and an analysis of the results.

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[1] For more information, see *A System of National Accounts*, United Nations, New York, 1968

Structure of the British Columbia Economic Accounts

British Columbia's production of goods and services can be measured in three different ways:

- By outlining the distribution of the total dollar value of all **incomes** accruing to individuals and businesses in a given period;
- By tracing the **expenditures** of individuals, businesses and government on consumption, investment, inventory accumulation or reduction, and net exports; and
- By determining the contribution to the provincial economy of individual goods and service producing **industries**, as measured by GDP at factor cost.

These approaches, which theoretically yield identical results, are used to construct three separate measures of economic activity—the **income account**, the **expenditure account**, and the **industry account**. Figure 1 illustrates the major components of the three accounts.

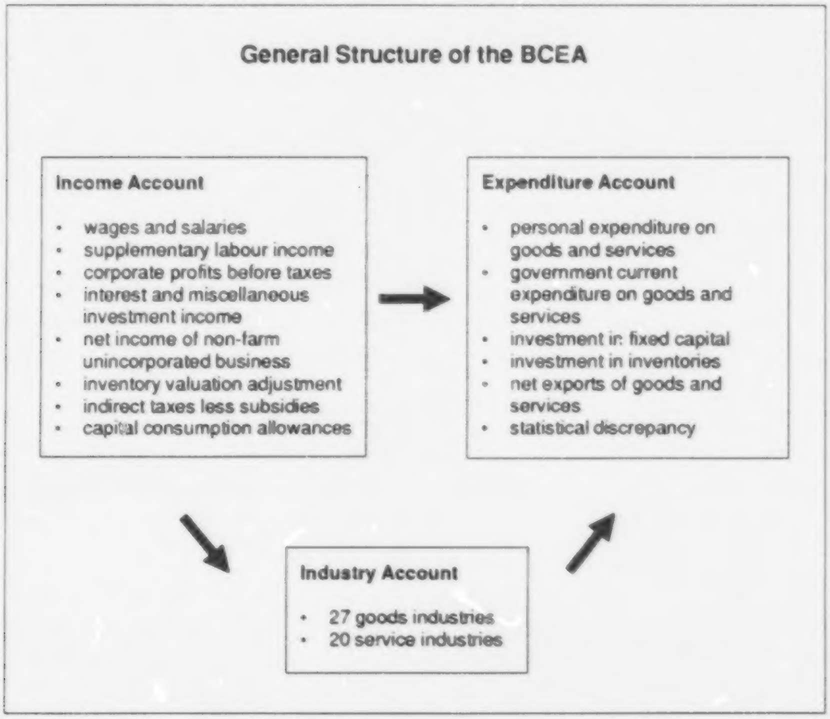
General Structure of the BCEA
Income Account
· wages and salaries
· supplementary labour income
· corporate profits before taxes
· interest and miscellaneous investment income
· net income of non-farm unincorporated business
· inventory valuation adjustment
· indirect taxes less subsidies
· capital consumption allowances
Expenditure Account
· personal expenditure on goods and services
· government current expenditure on goods and services
· investment in fixed capital
· investment in inventories
· net exports of goods and services
· statistical discrepancy
Industry Account
· 27 goods industries
· 20 service industries

Figure 1

Other features of the publication include a summary table of main economic indicators for British Columbia and Canada; tables outlining the sources and disposition of personal income; and revenue and expenditure by level of government.

Definitions and descriptions of the components which constitute the BCEA are contained in the **glossary of terms**.

Income Account

The income account focuses on the various types of income generated in the course of producing the economy's output. **Net domestic income** represents the sum of all incomes earned by the factors of production. These earnings are classified as returns to **labour** (wages and salaries, supplementary labour income and military pay and allowances); returns to **capital** (profits and miscellaneous investment income); returns to both labour and capital (unincorporated business income); and returns to **land** (rent). An adjustment is also made for changes in the value of inventories during the year. It should be noted that transfer payments, such as pensions and family allowance benefits, are not included in the income account since they do not represent reimbursement for current productive services.

Gross domestic product at **factor cost** is calculated by adding the value of capital consumption (depreciation) allowances to net domestic income. GDP at **market prices**, which is probably the most frequently used measure of economic activity, is derived by summing GDP at factor cost and indirect taxes less subsidies. Net indirect taxes represent costs which are reflected in the market price of goods and services but are not earned by the factors of production.

Expenditure Account

The expenditure account traces the disposition of final output in the economy by type of user. In simplified terms, goods and services are sold to four groups of users: **persons** (who buy goods and services); **governments** (which purchase goods and services and invest in fixed capital and inventories); **businesses** (which invest in residential and non-residential construction, machinery and equipment, and inventory accumulations); and finally, **non-residents** (who purchase a portion of total final output in the form of exports). Ideally, the import component of each of these expenditure items should be reported separately. However, due to measurement problems, the total value of imports is subtracted from exports. GDP at market prices is then determined by adding net exports to total expenditures by persons, governments and businesses.

Industry Account

The contribution of individual industries to the provincial economy, which is calculated in terms of GDP at factor cost, is depicted in the industry account. Industries are classified based on whether they produce **goods** or **services**, and whether they operate on a "for profit" (business sector) or a non-profit (non-business sector) basis.

Although estimates of GDP facilitate comparisons of growth and illustrate changes in industrial structure over time, other measures such as output and employment should also be considered when assessing the relative importance of an industry to the economy of British Columbia.

Government Revenue and Expenditure

Annual estimates of revenue and expenditure for federal, provincial and local governments, as well as for hospitals and the Canada Pension Plan, are included in this report. The government sector data provide an indication of the roles of the various levels of government within the provincial economy and, since they are on a national accounts basis, can be used for interprovincial comparisons.

Highlights

- British Columbia has been less affected by the 1991 economic slowdown than the country as a whole. Real GDP at market prices fell by 1.7 per cent in Canada, while in British Columbia it remained virtually unchanged. Provincial real GDP at factor cost, however, decreased by 0.6 per cent in 1991.
- Real GDP at factor cost decreased 0.1 per cent in the goods industries and 0.8 per cent in the service industries. The economic slowdown has had a strong impact on forestry activities, non-resource related manufacturing, retail and wholesale trade, and transportation, storage and communication.
- British Columbia, which contains 11.9 per cent of the Canadian population, now accounts for 12.4 per cent of Canadian GDP at factor cost, up one percentage point since 1986.
- On a per capita basis, personal income in British Columbia dipped below the national level in 1987 and 1988, but has remained slightly above it since.
- Personal disposable income per capita has remained consistently above the Canadian average. The gap narrowed from 1981 to 1988 and has since widened again.
- There was relatively strong growth of labour income in 1991 as the province continued to receive positive net migration from both interprovincial and international sources, and employment grew by 1.4 per cent.
- Corporate profits declined sharply for the second consecutive year, falling by 52 per cent between 1989 and 1991.
- Constant dollar personal expenditures showed virtually no growth in 1991. Increases in services and non-durable goods were offset by decreases in all the major components of expenditures on durable and semi-durable goods.
- Real business investment in fixed capital decreased slightly in 1991 as a result of declines in machinery and equipment investment and weakness in residential construction. Non-residential construction, however, posted a strong increase of 6.2 per cent.
- There has been a steady worsening of British Columbia's real merchandise trade balance between 1987 and 1991. Net exports with both the rest of Canada and the rest of the world have contributed to the decline.

Cyclical changes in the Canadian economy are generally reflected in British Columbia. Figure 2 compares the growth rates of real GDP at market prices for British Columbia and Canada. Since 1981, British Columbia's economy has experienced average growth at about the same rate as the Canadian economy as a whole. In constant dollars, British Columbia's economy increased by an average 2.5 per cent per year between 1981 and 1991, compared to an average Canadian growth rate of 2.3 per cent.

The province has been less affected by the 1991 economic slowdown than the country as a whole. Real GDP at market prices fell by 1.7 per cent in Canada, while in British Columbia it remained virtually unchanged. Real GDP at factor cost, however, decreased by 0.6 per cent in 1991 for British Columbia. On a quarterly basis, seasonally adjusted real GDP at market prices declined by 3.3 per cent in the first quarter of 1991. The second and third quarters grew at an average of 1.8 per cent, while the fourth quarter decreased by 0.5 per cent leaving the fourth quarter of 1991 just slightly below the level at the end of the previous year.

In current dollars, GDP at factor cost[2] decreased in Canada by 0.1 per cent in 1991, while British Columbia experienced a 1.6 per cent increase. British Columbia now accounts for 12.4 per cent of Canadian GDP at factor cost, up one percentage point since 1986. In 1986, the provincial share of GDP was equal to its share of population, while by 1991 the provincial share of population had only increased to 11.9 per cent.

The implicit price index for provincial GDP at market prices, increased by 3.3 per cent in 1991. The introduction of the Goods and Services Tax (GST) in 1991 pushed up prices of consumer goods and services and residential construction. There were declines, however, in both export and import prices.

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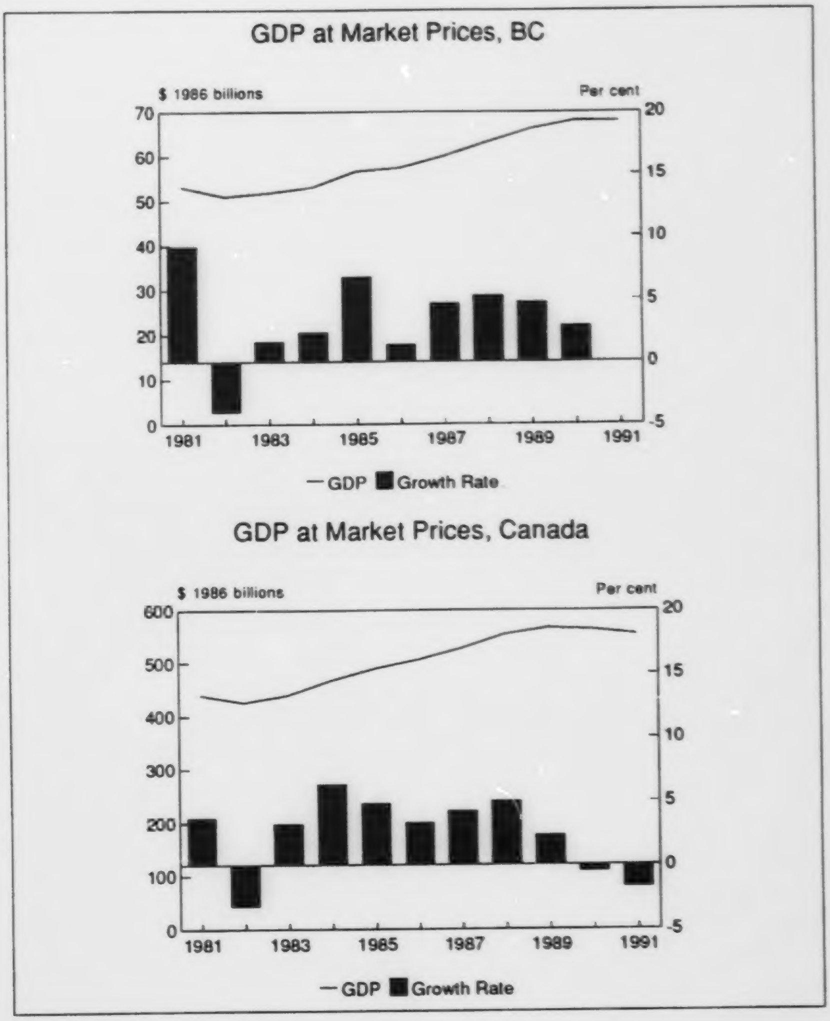
[2] The introduction of the Goods and Services Tax (GST) on January 1, 1991 and the associated removal of the Federal Sales Tax (FST) means that the real GDP at market price provincial series, which include the effects of indirect taxes less subsidies, should be used with caution when comparing 1991 with earlier years. GDP at factor cost, which excludes indirect taxes less subsidies , is unaffected by this change.



GDP at Market Prices, BC

GDP at Market Prices, Canada

Figure 2

Income Account

Figure 3 compares the distribution of factor incomes in 1981 and 1991. As the figure illustrates, the distribution has not changed significantly over this period. Labour receives the major portion of domestic income, with an average of about 56 per cent of GDP being paid out to workers in the form of wages and salaries, supplementary labour income, and military pay and allowances. There was relatively strong growth in wages and salaries (5.5 per cent) and supplementary labour income (9.7 per cent) in 1991, as the province continued to receive positive net migration from both interprovincial and international sources and employment grew by 1.4 per cent.

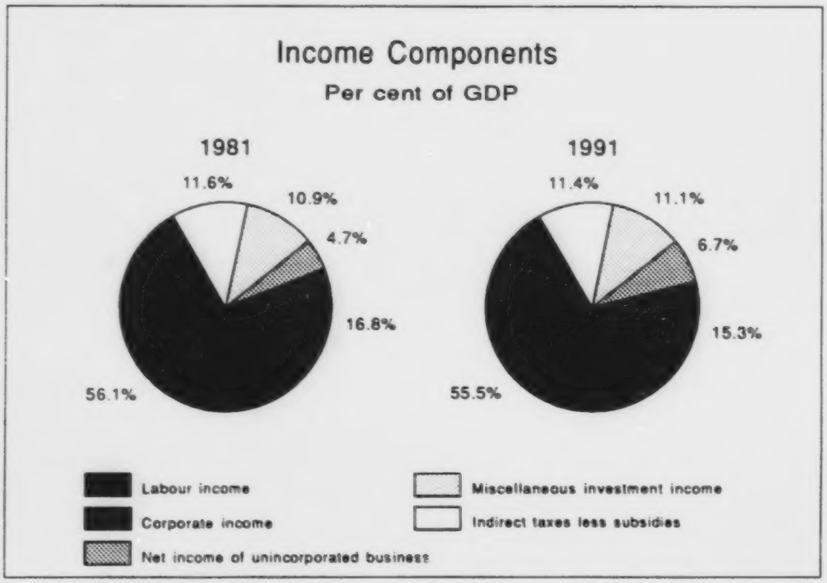


Figure 3

Corporate income, which includes profits, inventory valuation adjustments and capital consumption allowances, typically accounts for between 15 and 20 per cent of GDP. As Figure 4 illustrates, corporate profits show considerable volatility and tend to be very sensitive to upswings and downturns in the economy. Corporate profits declined 54 per cent between 1980 and 1982 and 52 per cent between 1989 and 1991, reflecting the weak economic conditions in the province during these two periods.

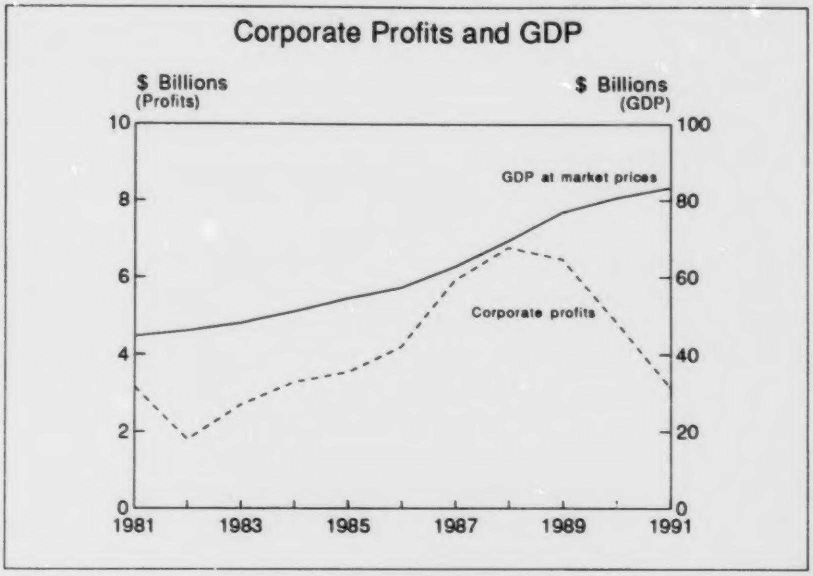


Figure 4

Personal Income Account

While the income account details the sources of income accruing to land, labour and capital, the personal income account examines the sources and disposition of incomes earned by individuals in British Columbia.

Figure 5 shows provincial personal and personal disposable income per capita, relative to the corresponding Canadian averages. Although personal income has grown steadily during the last decade, there has been a shift in the relative position of British Columbia compared to the rest of Canada. Historically, per capita personal income in this province has been higher than for the country as whole. This trend was reversed in 1987 and 1988, however, when personal income per capita dipped below the national level. Although there have been increases in British Columbia relative to Canada during the last three years, the difference is still significantly less than it was at the beginning of the decade.

Personal disposable income is that which is left to individuals for discretionary spending after various direct taxes (i.e. taxes assessed on income) and other transfers to governments have been applied. In 1981, personal disposable income per capita in this province was 12.5 per cent higher than for the country as a whole. By 1991, the gap had become much smaller, with British Columbians averaging $17,921 in disposable income, only 3.6 per cent higher than the national average of $17,302 per person.

Figure 5

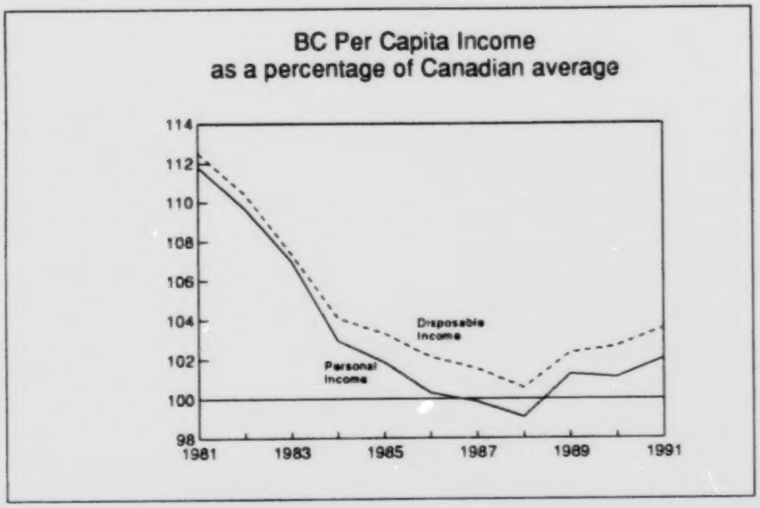


Figure 6

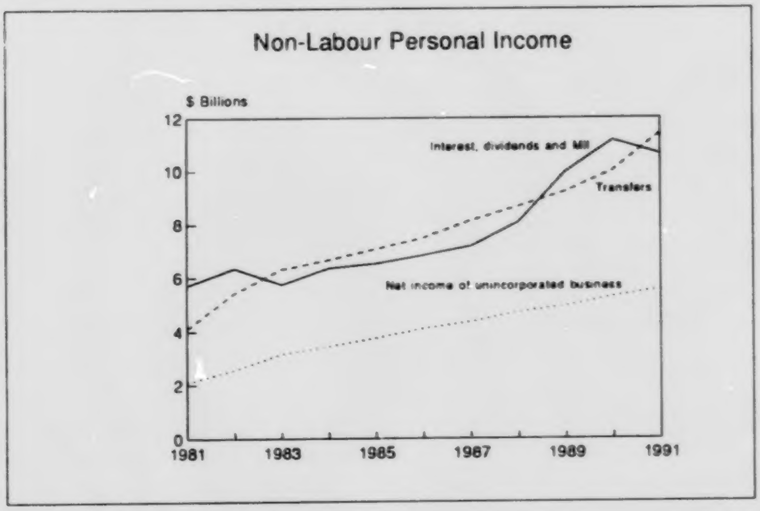
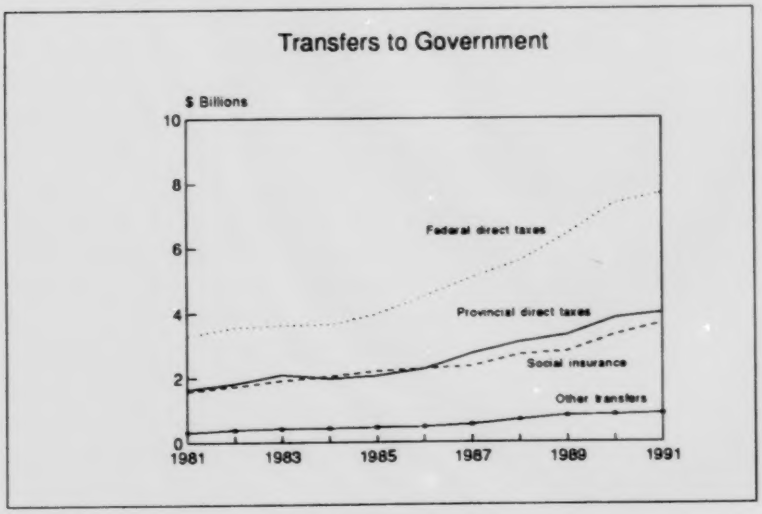


Figure 7



Real personal income per capita increased by 17 per cent from $16,346 in 1984 to $19,176 in 1990. For the country as a whole, real per capita personal income rose by the same rate over the 1984–90 period. In 1991 the upward trend was reversed, with real personal income per capita declining by 2.6 per cent for British Columbia and by 3.1 per cent for the country as a whole.

Figure 6 illustrates trends in the non-labour component of personal income. Despite a great deal of variability in the incomes of farm operators, unincorporated business income showed continued steady growth during the last 11 years. Interest, dividends and miscellaneous investment income (MII) were more volatile, as a result of fluctuations in interest rates which affect investment income, and changes in corporation profits which influence dividend earnings. Transfers from governments (family allowance, unemployment insurance benefits, old age security, general welfare payments, etc.), corporations and non-residents grew steadily during the last decade, at an average annual rate of 10.8 per cent. This is significantly higher than the average annual growth rate of 7.2 per cent for personal income. Transfers represented 15 per cent of personal income in 1991, up from 11 per cent in 1981.

Although the proportion of personal income originating with government transfer payments has increased during the last decade, the various levels of government are also claiming a larger share of personal income. Transfers to government (income taxes, contributions to social insurance programs, and other transfers such as medical premiums) represented 18.4 per cent of total personal income in 1981, but by 1991 the government's share had increased to 21.9 per cent.

As figure 7 illustrates, both federal and provincial income taxes have grown rapidly during the last 11 years, at average annual rates of 8.8 and 9.4 per cent respectively. During the same period, wages and salaries increased at an average annual rate of 6.2 per cent.

A comparison of personal savings rates, which are calculated as the ratio of total savings to personal disposable income, shows that both British Columbians and Canadians are saving significantly less than they did at the beginning of the decade. In 1981, British Columbians saved 11.8 per cent of total personal disposable income; by 1991 the savings rate had decreased to 7.3 per cent. Historically, the savings rate has increased substantially during periods of economic slowdown such as 1975 and 1982. It is interesting to note that the savings rate increased only slightly in 1991.

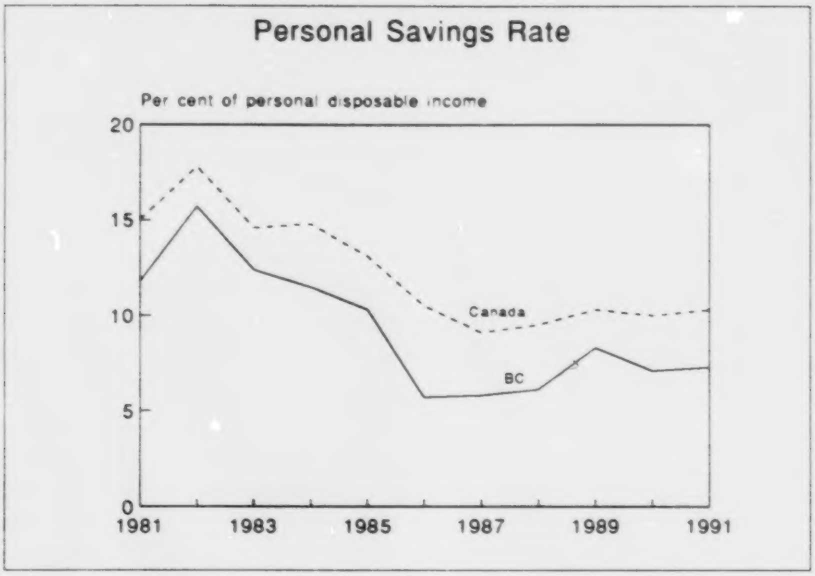


Figure 8

As figure 8 indicates, British Columbia's savings rate tends to be somewhat below the national rate. However, it should be noted that although national data on personal expenditures include an estimate of net expenditures abroad, the provincial estimates currently do not include an adjustment for net expenditures outside of the province. Such an adjustment would increase the savings rate slightly in British Columbia.

Expenditure Account

Constant dollar personal expenditures, which have increased at an average annual rate of 2.5 per cent between 1981 and 1991, showed virtually no growth in 1991. As illustrated in figure 9, expenditures on durables tend to adjust fairly quickly to changes in general economic conditions, as consumers defer major purchases in periods of economic slowdown. During the recession of 1982, real expenditures on durables declined sharply (22.1 per cent), while in 1991 there was a much smaller decrease of 4.6 per cent.

Expenditures on semi-durable goods, such as clothing and footwear, also decreased in 1991, while non-durable expenditures, with food accounting for about half of the category, showed some increase.

Services, including housing, financial services, travel, and business and personal services, comprise the largest component of personal expenditures and have increased fairly steadily during the last decade. In constant dollar terms, personal expenditures on services grew at an average annual rate of 3.7 per cent between 1981 and 1991, but growth

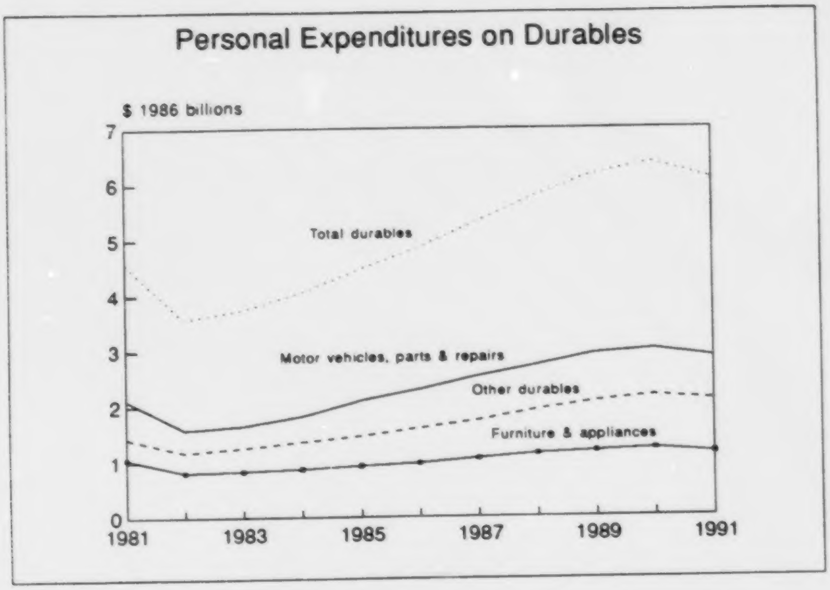

Personal Expenditures on Durables

Figure 9

fell to 1.8 per cent in 1991. Lower spending on restaurants and hotels (7.5 per cent) was the main reason for this slowdown.

The government sector comprises federal, provincial and local governments (including school boards), as well as hospitals and the Canada Pension Plan. Current government expenditures on goods and services can be classified as wages and salaries; purchases of non-capital goods and services, defence equipment, and an allowance for depreciation.

In constant dollars, government expenditures on goods and services increased at an average annual rate of 1.4 per cent between 1981 and 1991. Growth in this component remained relatively strong in 1990 and 1991, averaging 3.2 per cent over the two years. Figure 10 illustrates the distribution of government expenditures by level of government during 1991. The provincial and local governments account for the largest portion of total government expenditures.

Government investment in fixed capital (buildings, roads and equipment) grew even more strongly than spending on goods and services over the last decade. Investment in non-residential construction, which includes major projects like the Coquihalla highway, increased at an average annual rate of 4.7 per cent, as shown in figure 11. Purchases of machinery and equipment showed even stronger growth, increasing by 9.1 per cent per year between 1981 and 1991. In 1991 both components showed strength, with growth in non-residential construction (14.0 per cent) outpacing machinery and equipment investment (5.8 per cent).

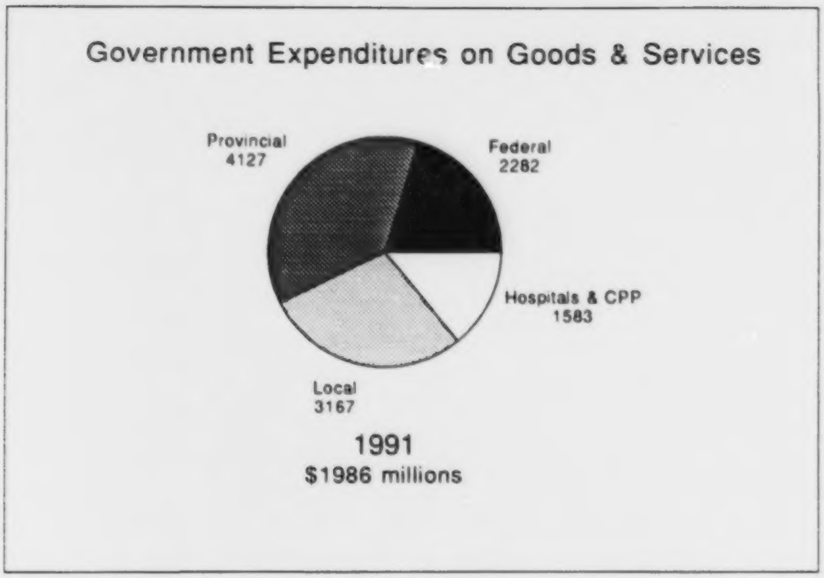


Figure 10

During the last decade, the pattern of business investment in fixed capital and inventories has changed. In constant dollars, investment in non-residential construction now represents a smaller proportion of total business investment than either residential construction or purchases of machinery and equipment. Business non-residential construction declined at an average annual rate of 2.3 per cent between 1981 and 1991. Real dollar investment in machinery and equipment and housing, on the other hand, has increased fairly steadily since 1981, as figure 12 illustrates. Investment in residential construction increased at an average annual rate of 3.9 per cent, while real dollar expenditures by businesses on machinery and equipment grew at 3.7 per cent per year.

The movements in 1991 for the components of business investment ran counter to these longer-term trends. Investment in non-residential construction showed a strong increase of 6.2 per cent, while machinery and equipment investment fell by 5.5 per cent. Residential investment decreased only slightly, because of large increases in transfer costs, such as real estate commissions.

British Columbia's total real merchandise trade balance with the rest of the world and the rest of Canada began the period in deficit. After being slightly positive in the years 1983 to 1985 and 1987, the overall trade balance has declined sharply since then. British Columbia has historically had a trade deficit with the rest of Canada (ROC), importing more goods from the other provinces than it exports, and a trade surplus with the rest of the world (ROW).

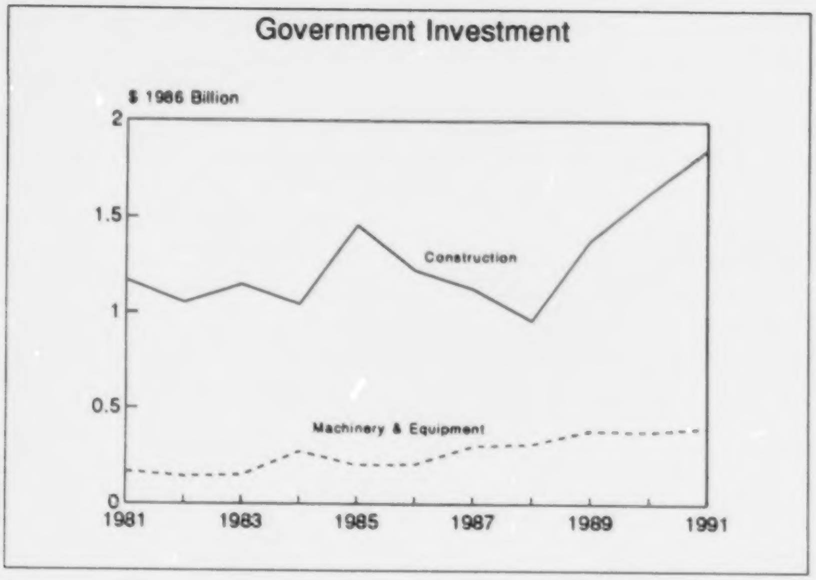


Figure 11

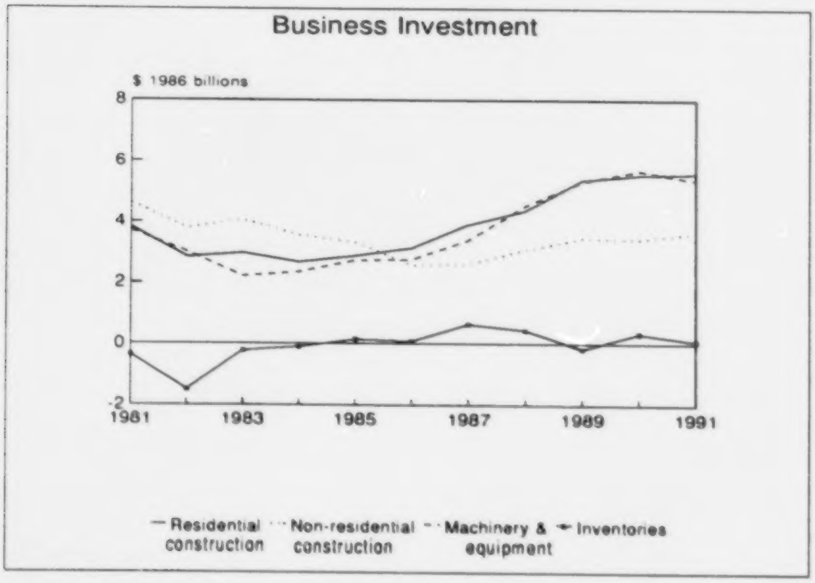


Figure 12

The overall trade deficit worsened in 1991, with imports from ROW continuing to increase and exports to ROW remaining stable. The trade situation with the ROC also contributed to the increase in the trade deficit. Exports to ROC decreased by 1.8 per cent, while imports increased slightly.

The recent worsening of the provincial merchandise trade balance corresponds to a similar downturn for all of Canada, as figure 13 indicates.

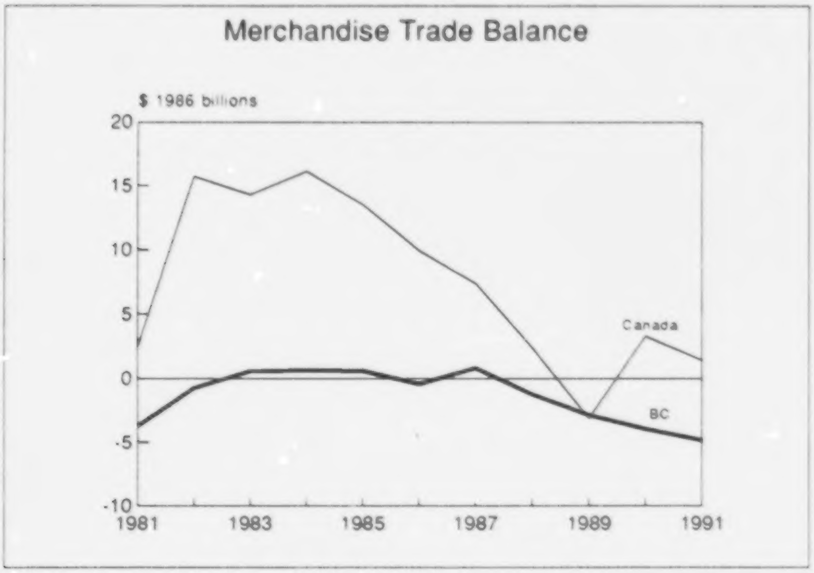


Figure 13

Industry Account

The industry account shows the relative importance of goods and service industries to the British Columbia economy. As figure 14 illustrates, service-producing industries account for a much larger share of total GDP than do goods-producing industries. In fact, goods industries represented only 30 per cent of constant dollar GDP at factor cost in 1991, down from 37 per cent in 1961.

As the chart shows, constant dollar growth in the goods-producing industries has been slower than for services over the 1981 to 1991 period. Goods industries grew by an average 2.4 per cent yearly between 1981 and 1991, while the service sector grew at 3.2 per cent per year over the same period.

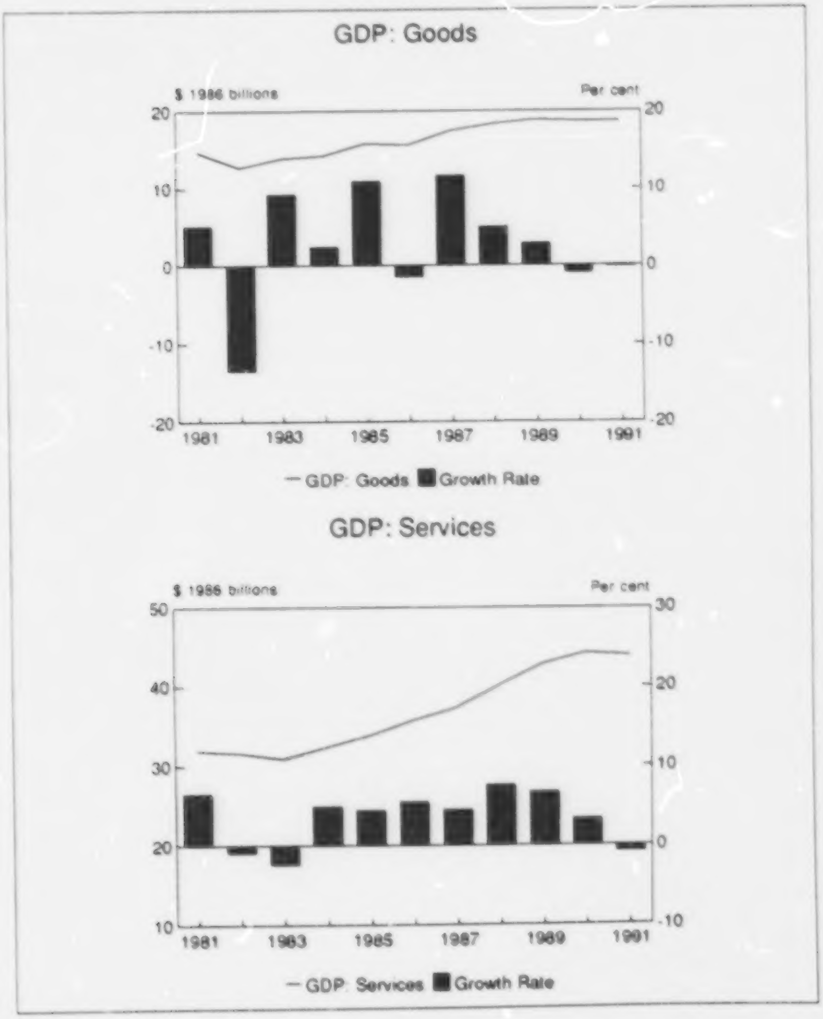


Figure 14

Figures 15 and 16 show the performance of the various goods and service-producing industries over the past decade. Historically, the goods industries have been more severely affected by economic slowdowns than services. The economic slowdown in 1990 and 1991, however, has had strong impacts on individual industries, within both the goods and service sectors. GDP in total goods industries decreased by 0.9 per cent in 1990 and again slightly in 1991. Service industries had continued to increase in 1990 (3.3 per cent) and then declined by 0.8 per cent in 1991.

GDP in forestry activities (including primary forestry, as well as paper and wood manufacturing) has decreased 2.0 per cent in 1991 and a total of 12.7 per cent in the last three years. Mining activities (including primary mining and related manufacturing) have remained flat over the past two years, while agriculture and related manufacturing have increased by 10.1 per cent during this period. Non-resource related manufacturing has shown large decreases of 6.8 and 8.0 per cent in 1990 and 1991 respectively. Construction activity, which had increased rapidly since 1986, slowed to 0.9 per cent growth in 1991, as decreases in residential building were more than offset by increases in non-residential construction.

Among the service industries, the current slowdown was felt most strongly in retail and wholesale trade which fell by 8.7 per cent in 1991 and in transportation, storage and communication, which experienced a decrease of 3.4 per cent. The finance, insurance and real estate (FIRE) industry, which makes up about 26 per cent of total GDP in the service industries, continued to increase in 1991. It should be noted, however, that over half of the GDP in FIRE represents an estimate of the imputed rental value of owner-occupied housing, as well as royalties on natural resources. The remainder is a measure of the value added to the economy by the activities of the banking, insurance and real estate industries. Education and health services continued to increase in 1991, while other community, business and personal services decreased slightly. Large declines in the accommodation and food industries were offset by increases in other services.

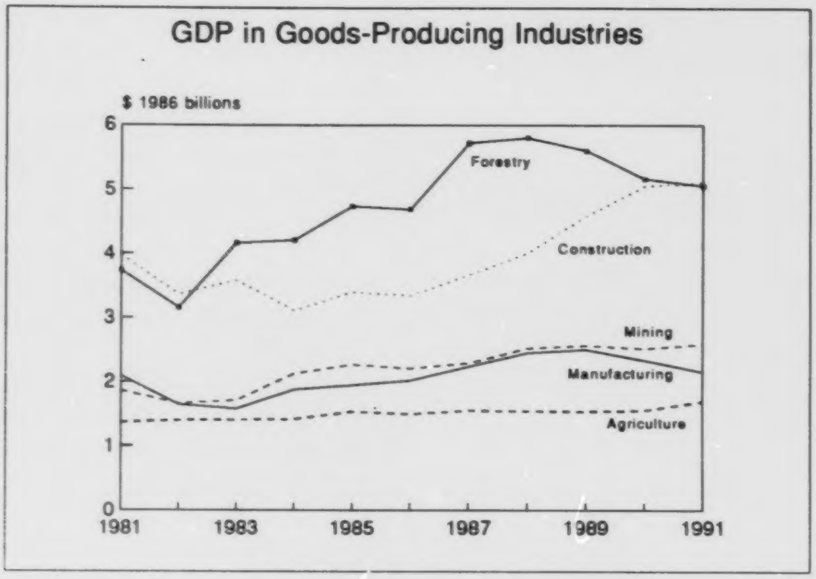


Figure 15

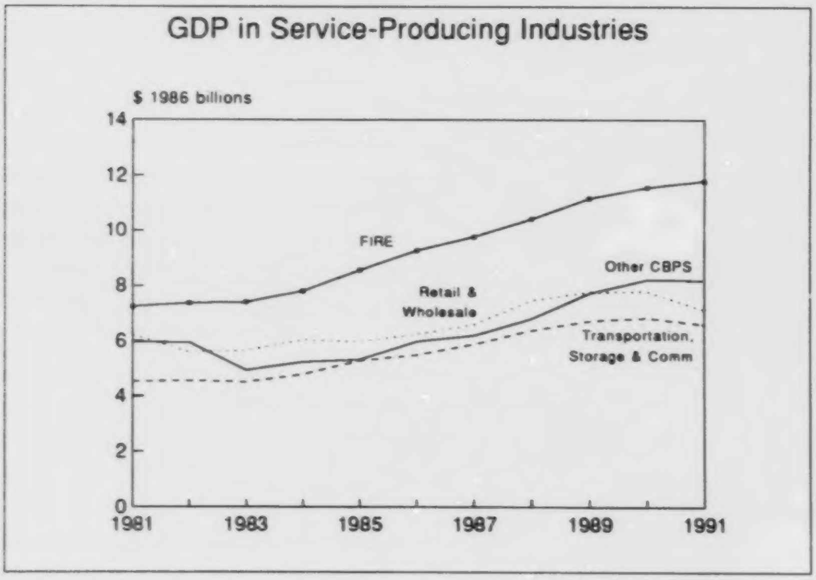


Figure 16

Government Revenue and Expenditure

Tables 24 to 28 of the BCEA provide a record, on a national accounts basis, of the financial transactions of the various levels of government in British Columbia. The surplus and deficit positions for the federal, provincial and local governments, as well as for hospitals and the Canada Pension Plan, are displayed in figure 17.

Estimates of federal government revenue and expenditure in British Columbia are not measured directly. They represent a proportional allocation to British Columbia of federal government activities, based on the province's share of various indicators.

It is important to recognize the distinction between the national accounts and the public accounts. Public accounts are generally reported on a fiscal year basis, whereas national accounts are on a calendar year basis. More importantly, the national accounts cover a different range of revenue and expenditure items than the public accounts. For example, the transactions of government agencies and boards, such as the British Columbia School Districts, which receive most of their income from government grants, are included in the national accounts but not in the public accounts.

In the national accounts, an effort is also made to ensure that the treatment of various funding mechanisms or types of revenue is consistent across all provinces and across the different levels of government. As a result of these definitional and timing differences, national accounts estimates will diverge from the public accounts. For example, in the national accounts, the provincial government sector shows a surplus of $628 million for 1988, while the public accounts figures indicate a deficit of $321 million in the 1988/89 fiscal year.

As figure 17 illustrates, although federal government expenditures in British Columbia tend to exceed revenues from the province, federal net expenditures have increased steadily since 1985. On a national accounts basis, the provincial government decreased its surplus in 1990 and experienced a deficit in 1991. Hospital and CPP revenues in the province have exceeded their expenditures during the last decade, while local governments have remained in a deficit position since 1981.

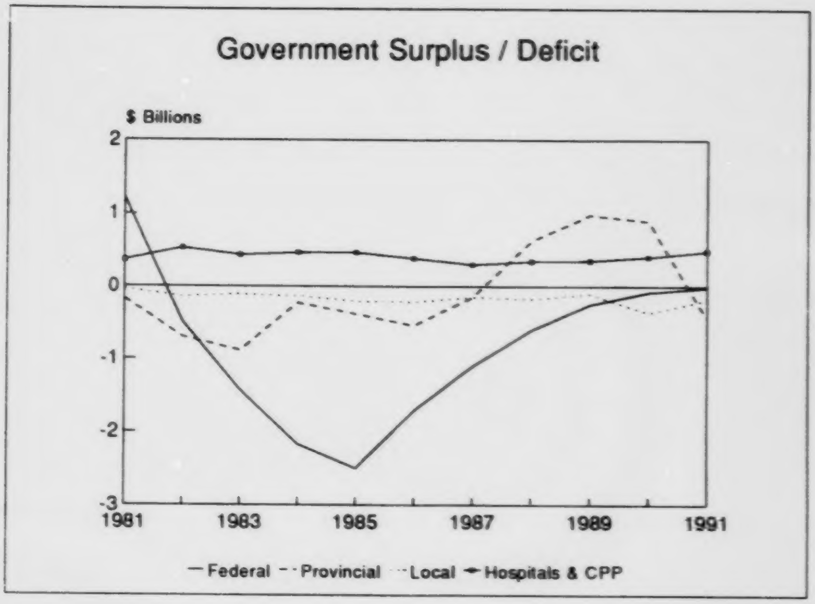

Government Surplus / Deficit
$ Billions
2
1
0
-1
-2
-3
1981
1983
1985
1987
1989
1991
— Federal
- - Provincial
··· Local
◆ Hospitals & CPP

Figure 17

Estimating Tourism GDP, 1981–1991

Carl Cavanagh, Ruth McDougall
Statistics Branch
Treasury Board Secretariat
Ministry of Finance and Corporate Relations

Estimating Tourism GDP, 1981–1991

In 1991, British Columbia residents and visitors from other provinces and countries made over 23 million overnight trips in the province, according to the Ministry of Tourism. These travellers, and the countless number of excursionists who took short, one day trips, helped create tens of thousands of jobs and earned revenue for thousands of businesses across British Columbia.

The number and diversity of these businesses is both a strength of the tourism sector and an obstacle to the accurate measurement of its economic benefits to British Columbia. In national accounting, tourism is traditionally viewed not as an independent industry but as a synthetic one incorporating parts of other, broader industries, such as accommodation and food, retail trade, etc. For instance, the purchase of a Cowichan sweater by someone from San Diego is not categorized as tourism per se, but rather as an addition to British Columbia retail trade in general. The challenge to the tourism economist is to estimate the portions of the standard industry set which could be described as having significant tourism content.

This year, a joint project between the Ministry of Finance and Corporate Relations and the Ministry of Tourism has produced a preliminary set of estimates of British Columbia tourism GDP at factor cost for the period 1981–1991. The discussion below gives a general description of the concepts, assumptions and techniques employed, and an analysis of the results generated by the new project.[1]

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[1] A more detailed discussion of the data and methods used may be found in *B.C. Tourism GDP, 1981–1991: Methodology*, available from the Statistics Branch, B.C. Ministry of Finance and Corporate Relations.

I. Disaggregating the BCEA into Tourism-related Industries

The benchmarks for the study are the GDP by industry estimates from the British Columbia Economic Accounts (BCEA). A variety of other data sources have also been used, including:

- the British Columbia Input-Output (BCIO) tables;
- data from a number of Statistics Canada publications;
- unpublished data from several Statistics Canada divisions; and
- special studies of the British Columbia tourism industry commissioned by the Ministry of Tourism.

Industry Concordance for BCEA Industry: Transportation and Storage

BCIO "W" Industries	SIC Industries and Special Tabulations
Air transport (162)	Air transport (SIC 451-452)
	Scheduled, chartered (SIC 4511-4512)
	Passengers
	Freight
	Other flying services (SIC 4513)
	Incidental air transport (SIC 452)
Railway transport (163)	Railway transport (SIC 453)
	Rail operations (SIC 4531)
	Passengers
	Freight
	Incidental rail services (SIC 4532)
Water transport (164)	Water transport (SIC 454-455)
	Passengers
	Freight
	Other
Truck transport (165)	
Urban transit (166)	
Interurban & rural transit (167)	
Taxi (168)	
Miscellaneous transport(169)	
	School bus operations (SIC 4573)
	Charter & sightseeing bus (SIC 4574)
	Limousine service to stations (SIC 4575)
	Other transportation NEC (SIC 4589)
Incidental transport (170)	
	Travel services (SIC 996)
	Parking lots (SIC 9991)
	Freight forwarding (SIC 4592)
	Other transport NEC (SIC 4599)
Highway maintenance (171)	
Natural gas & pipeline (172)	
Crude oil & other pipeline (173)	

Figure 1

The 26 standard BCEA industries are too heterogeneous for direct tourism estimation. For instance, it is not apparent what portion of an industry as diverse as transportation and storage could be attributed to tourism.

However, as Figure 1 shows in the case of transportation and storage, disaggregating the BCEA industries into sub-industries produces an industrial array for which tourism proportions can be readily determined. The list of sub-industries is based on an established Statistics Canada concordance between the BCEA and two other standard industry sets, the input-output tables and the 1980 Standard Industrial Classification (SIC)[2].

Unfortunately, GDP data is unavailable for all but the more aggregated BCEA industries. Consequently, allocators are used to divide the BCEA industry set into their constituent parts. In general, GDP in each BCEA industry is split with the corresponding GDP portion of the latest BCIO (ie. 1984) and then by 1984 total operating revenue for each of the appropriate SIC industries. As with the BCEA, Canadian or other allocators are used only where British Columbia allocators are unavailable.

For example, GDP in passenger air transport is calculated as a series of weighted ratios for 1984:

$$\text{GDP}_{\text{passenger air transport}} = A * B * C$$

where

$$A = \frac{\text{1984 Operating revenue of Passenger air transport (SIC 451)}}{\text{Total 1984 operating revenue of total air transport}}$$

$$B = \frac{\text{1984 GDP in air transport (BCIO industry 162)}}{\text{Total 1984 BCIO GDP in transportation and storage}}$$

and,

$$C = \text{1984 GDP in BCEA industry transportation and storage}$$

---

[2] Appendix I, "Aggregation Parameters for the Canadian System of National Accounts", *Provincial Gross Domestic Product by Industry : 1984–1990*. (Statistics Canada, Catalogue 15–203, October 1991).

To illustrate[3], if the operating revenue of passenger air transport (A) accounts for 75 per cent of the total operating revenue of air transport, and if GDP in air transport (B) is 10 per cent of total transportation and storage in 1984, then GDP in passenger air transport is 7.5 per cent (ie. 75 per cent times 10 per cent) of total British Columbia GDP in transportation and storage (C) for each year from 1981 to 1991.

Two critical assumptions are implicit in this procedure: first, that the relative sizes of industry sub-sectors are reasonably similar whether they are disaggregated using operating revenue or GDP; and, second, that the underlying structure of the British Columbia economy has been relatively stable from 1981–1991 and can thus be captured by the structure of the 1984 BCIO and 1984 operating revenues by SIC. Tests conducted during the development of the project methodology[4] support the validity of these assumptions.

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[3] For reasons of Statistics Canada confidentiality requirements, the proportions used in this example do not correspond with actual industrial estimates.

[4] pp. 5–6, *British Columbia Tourism GDP, 1981–1991: Methodology*.

II. Tourism Proportions

To complete the calculation of tourism GDP by industry, estimates are made of the portion of each industry's GDP which is attributable to tourism. Or, to return to the example of passenger air transport, D is calculated:

$$\text{Tourism GDP}_{\text{passenger air transport}} = \text{GDP}_{\text{passenger air transport}} * D$$

where

D = tourism proportion of passenger air transport industry

If one were to assume that 95 per cent of passenger air transport is in some way tourism-related (D), then tourism GDP in passenger air transport can be calculated by multiplying the GDP in passenger air transport by 95 per cent.

For practical purposes, the definition of tourism proposed to the United Nations by the World Tourism Organization in February, 1992 has been adopted. The WTO defines tourism as:

> *the activities of persons travelling to a place outside his or her usual environment for less than 12 months and whose main purpose of travel is other than the exercise of an activity remunerated from within the place visited by economic agents resident in these places, where:*
>
> *(i) the term "usual environment" is intended to exclude trips within the place of residence, trips to the usual place of work or education and daily shopping and other local day-to-day activity;*
> *(ii) the threshold of 12 months is intended to exclude long-term migration; and*
> *(iii) the term "exercise of an activity remunerated from within the place visited" is intended to exclude only migrants for temporary work as well as family members accompanying or coming to join them.*[5]

Several aspects of the definition should be stressed:

1. It includes both "tourists" (ie. overnight and longer-term visitors) and "excursionists" (ie. same day travellers).

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[5] World Tourism Organization. *Recommendations on Tourism Statistics : Draft Preliminary Report*. Madrid, February, 1992.

2. There are no limitations to the distances which must be travelled in order for an activity to be considered tourism. Thus, a person from Victoria may go on a weekend holiday to Sooke, only a few kilometers away, and be considered as much a tourist as someone travelling to Whistler from California.

3. Vacation homes and cottages are considered tourist venues, not extensions of a person's "regular place of residence".

4. Not all leisure or recreational activities qualify as tourism, since many people include some kind of regular exercise or pastime in their routine. To be considered tourism, these activities should be non-routine and require people to leave their regular place of residence.

5. Not all kinds of travel are considered tourism. Included are general pleasure travel, business travel and travelling to a second home or cottage. Excluded are commuting to work or school and travel of a strictly personal nature (eg. to a special doctor's appointment).

Including business travel in the estimates of tourism GDP has been the subject of some debate. In part the issue arises from the popular connotation of the word "tourism" itself, which is synonymous with leisure and recreation alone. (In some ways, it might be more accurate to talk about the "travel and hospitality" industry, which would avoid this conceptual problem.) Ultimately, business travel has been included because to do so is in keeping with the official resolutions of all leading national and international tourism organizations, and because it recognizes the fact that business travellers often engage in a wide variety of tourism activities during their trips.

To be consistent with national accounting practices, only *direct spending by tourists on tourism activities and government spending directly in support of tourism activities* are included in the estimate of tourism GDP. For example, just as an estimate of forestry GDP *excludes* GDP associated with chain saw manufacturing or the construction of pulp and paper plants and *includes* GDP in public sector forestry services, the BCEA-based estimate of tourism GDP *excludes* GDP in hotel construction and *includes* GDP in public sector tourism promotion.

This approach is in line with the work of the World Tourism Organization, Statistics Canada's national Tourism Satellite Account project, and the National Task Force on Tourism Data.

Operational assumptions

Data limitations necessitate some additional simplifying assumptions and "rules of thumb" about tourism behaviour. For example:

1. GDP in all of the goods-producing industries has been excluded in the belief, for instance, that most tourists will purchase these products from businesses in the retail sector. Truck transport, radio and TV broadcasting, and several other service industries are similarly excluded.

2. In the absence of adequate data to the contrary, it is assumed that tourists do laundry and dry cleaning in their place of accommodation; that they don't engage the services of professional photographers, but rather serve as their own photographers; and that, when ill or injured, they seek medical help at general public hospitals only.

3. In some cases, estimates for certain geographical regions are assumed to apply to the whole of the province. For instance, the Vancouver General Hospital estimates that two per cent of its billings are to tourists. This estimate is applied to British Columbia as a whole.

4. Because data is unavailable for certain industries, the tourism proportions for other related industries are used as approximations. For instance, it proved impossible to prepare an estimate for a diverse category called "other sports and recreation clubs" (SIC 9659) which includes health clubs, tennis clubs and at least nine other components, so the tourism proportion for curling clubs was used instead, in the belief that tourism activity might be similar in these industries. Likewise, it is assumed that tourists use the financial services of trust companies and credit unions in the same way that they use chartered banks (ie. mainly through automated banking machines); that most professional sports clubs draw tourists in the same way that the Vancouver Canucks do; that other types of live theatrical entertainment follow the pattern set by the main stage theatres; and that horse tracks set the tourism level for other kinds of racing.

Data sources

Estimates of tourism proportions come from three main sources—operational assumptions, as discussed above; academic and trade literature of tourism, national accounting, and regional economics; and from extensive discussions with trade associations and key industry leaders.

Economic Impact of Tourism Industries in British Columbia[6] collects a number of tourism ratios from several sources, most prominent of which is the final report of the National Task Force on Tourism Data (Statistics Canada, 1989). For the most part, however, these ratios are national estimates for very broad categories.

To prepare British Columbia estimates of tourism proportions in areas which have lacked empirical data, over 100 trade groups and associations have been consulted, including:

- B.C. Transit
- Canada Post
- Retail Council of Canada
- Canadian Banking Association
- Canadian Museums Association
- Motion Picture Theatres Association of Canada
- Theatre B.C.
- Vancouver Canucks Hockey Club
- Canada-West Ski Areas Association

In the interviews, industry representatives were told the nature of the project and apprised of the WTO definition of tourism. They were then asked to use their experience and knowledge of the market to estimate the proportion of their industry's clientele which could be reasonably described as "tourist". In most instances these proportions were estimated for the British Columbia market, but occasionally the consultation process yielded an estimate for all of Canada which was then applied to British Columbia.

The use of tourism proportions, however derived, has at least one other attendant assumption, which is that there is a symmetrical relationship between consumption and value-added. For instance, if it is claimed that 27 per cent of taxi customers are tourists, it is assumed they account for 27 per cent of taxi GDP. These tourism proportions are considered to be preliminary estimates and will be updated periodically as better industry estimates and more complete survey data become available.

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[6] Martha Burd. *Economic Impact of Tourism Industries in British Columbia* (Victoria : British Columbia Ministry of Tourism, 1992).

Indirect taxes and transfers from persons to government

Because tourism GDP is estimated at factor cost, special consideration has been given to a range of personal expenditures where governments levy taxes and fees.

GDP at *factor cost*, as distinct from GDP at *market prices*, values commodities and services from the producer's rather than the consumer's point of view by excluding all expenses not reflected directly in the costs of production. These expenses include indirect taxes (ie. sales and excise taxes, customs duties, property taxes, etc.) and transfers from persons to government (ie. a variety of fees, licences and other unilateral payments to government for which there is no direct exchange of goods or services) and exclude subsidies from governments.

Among the tourism expenditures on government goods and services which are *included* in GDP at factor cost are municipal campground fees and toll fees on the Coquihalla Highway. Prominent among those *excluded* from GDP at factor cost are fishing and hunting licences.

Preliminary estimates (Figures 2, 3) identify 13 service industries which have tourism components[7]. Tourism proportions are highest for accommodation (94.4 per cent), food and beverage (26.8 per cent) and leisure and recreation (18.8 per cent) and lowest for public administration (.1 per cent) and wholesale trade (less than .1 per cent).

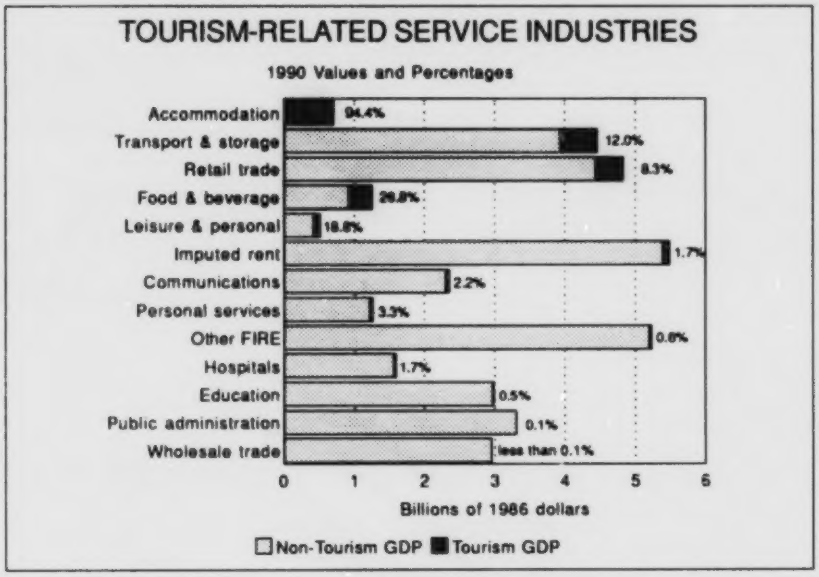

Figure 2

In dollar terms, accommodation contributes most to the tourism economy, followed by transportation and storage, retail trade, food and beverage, and leisure and recreation services. This translates into $2.7 billion in total current dollar GDP and $2.1 billion in total constant dollar (1986) GDP in 1990, the latest year for which revised data is available.

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[7] The SNA industry in the business sector called "Other Services" is disaggregated with BCIO weights into "Accommodation", "Food and beverage services", "Leisure and recreation" and "Personal and other services".

Current Dollar Tourism GDP By Sector, 1990

BCEA Industries	**% of Tourism GDP**	**Tourism GDP $M**
BUSINESS SECTOR	98.1	2612.2
Transportation & storage	21.5	572.1
Communications	2.0	53.0
Wholesale trade	0.0	0.0
Retail trade	16.8	448.2
Finance, Insurance & real estate	5.6	149.2
Services to business	0.0	0.0
Education	0.0	0.5
Health services	0.0	0.0
Accommodation & food	45.2	1204.1
Accommodation	30.0	799.8
Food & beverage services	15.2	404.3
Other services	7.0	185.2
Leisure & recreation services	4.8	129.0
Personal services	2.1	56.2
		0.0
NON-BUSINESS SECTOR	1.9	51.2
Transportation & storage	0.0	0.0
Education	0.7	17.7
Hospitals	1.2	31.2
Other health services	0.0	0.0
Other services	0.0	0.0
Public administration & defence	0.1	2.4
TOTAL	100.0	2663.4

Figure 3

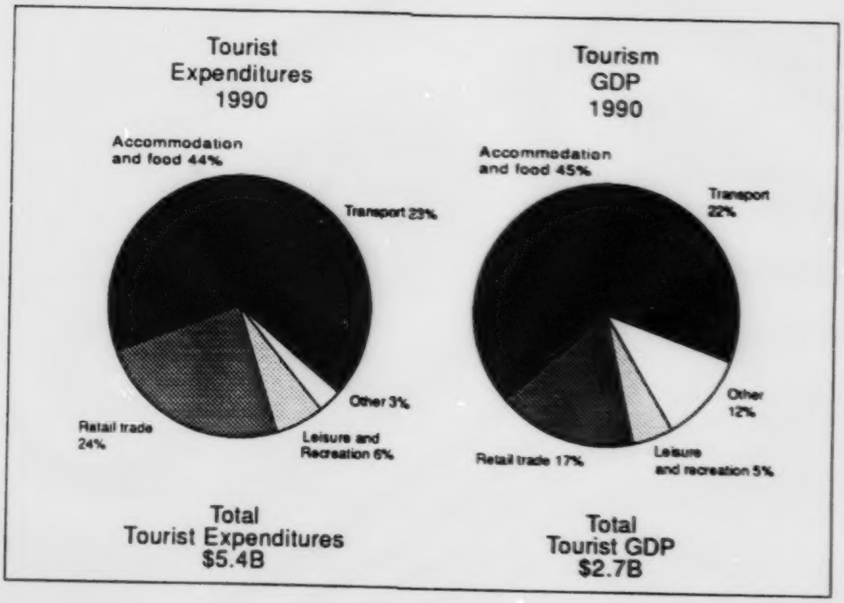

Figure 4

The structure of the British Columbia tourism industry which emerges from these initial estimates parallels closely the typical pattern of tourist expenditures shown in the Ministry of Tourism's visitor studies[8]. As Figure 4 illustrates, the proportions of both tourist expenditures and tourism GDP are virtually identical for accommodation and food (45%), transportation and storage (22%) and leisure and recreation (5%). The pattern in retail trade and "other", however, is dissimilar due to differences in definitions and methods of estimation. In the estimation of retail GDP, only the retail margins are included, where tourist expenditure includes the total value of retail purchases. Also, "other tourism GDP" contains government GDP for which there are no direct expenditures.

Tourism and the Total British Columbia Economy

In current dollars (Figure 5), tourism GDP has increased by an average of 5.9 per cent annually in the last decade, from $1.5 billion in 1981 to $2.7 billion in 1991. By comparison, the total British Columbia economy grew by an average of 6.5 per cent per year in the same period. However, it seems that price inflation plays a crucial role in tourism's performance because, in constant dollars, 1981–1991 growth in this sector is only .9 per cent annually compared with 3.0 per cent annually in the British Columbia economy as a whole.

Figure 6 shows annual constant dollar growth in the tourism industry and in the total British Columbia economy. Since tourism is related to discretionary income, it was slower than other industries to recover from the 1982 recession. Tourism suffered more in the 1982 recession than the rest of the economy, and growth stayed negative in 1983 as other sectors climbed out of the downturn. Significantly, tourism took another dip in 1985 while the economy as a whole posted the third biggest growth year of the decade.

The year of the World Exposition, 1986, saw tourism growth outstrip the provincial total for the first of three years in the last decade. Tourism led total British Columbia in 1989 and 1990, but in 1991 tourism felt the effects of the Canadian and U.S. recessions, especially in its critical eastern "feeder markets", resulting in a rate of decline similar to 1982. Overall, tourism growth led provincial growth rates in constant 1986 dollar terms in 3 of the last 10 years.

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[8] Tourism Research Group et al. *Visitor '89 : A travel survey of visitors to British Columbia.* Victoria: Ministry of Tourism, 1990.

Current and Constant Dollar GDP by Sector

	Total GDP		Goods		Non-Tourism Services		Tourism	
	$M	% change	$M	% change	$M	% change	$M	% change
1981 C$	39526		13048		24977		1501	
1982 C$	40720	3.0	11734	-10.1	27453	9.9	1533	2.1
1983 C$	42756	5.0	13158	12.1	28018	2.1	1580	3.1
1984 C$	45422	6.2	13773	4.7	29994	7.1	1655	4.7
1985 C$	48595	7.0	15359	11.5	31501	5.0	1735	4.8
1986 C$	51308	5.6	15608	1.6	33795	7.3	1906	9.9
1987 C$	56272	9.7	18152	16.3	36104	6.8	2016	5.8
1988 C$	62240	10.6	20224	11.4	39855	10.4	2161	7.2
1989 C$	68923	10.7	21367	5.7	45134	13.2	2422	12.1
1990 C$	72709	5.5	21334	-0.2	48712	7.9	2663	10.0
1991 C$	73876	1.6	20510	-3.9	50704	4.1	2662	-0.1
1981 K$	46726		14743		30016		1931	
1982 K$	44357	-5.1	12751	-13.5	29870	-0.5	1784	-7.7
1983 K$	44844	1.1	13926	9.2	29130	-2.5	1768	-0.9
1984 K$	46677	4.1	14264	2.4	30598	5.0	1809	2.3
1985 K$	49702	6.5	15821	10.9	32006	4.6	1828	1.1
1986 K$	51308	3.2	15607	-1.4	33794	5.6	1906	4.2
1987 K$	54724	6.7	17415	11.6	35329	4.5	1979	3.9
1988 K$	58424	6.8	18283	5.0	38081	7.8	2059	4.0
1989 K$	61657	5.5	18810	2.9	40655	6.8	2191	6.4
1990 K$	62888	2.0	18638	-0.9	41953	3.2	2296	4.8
1991 K$	62537	-0.6	18620	-0.1	41801	-0.4	2115	-7.9

Figure 5

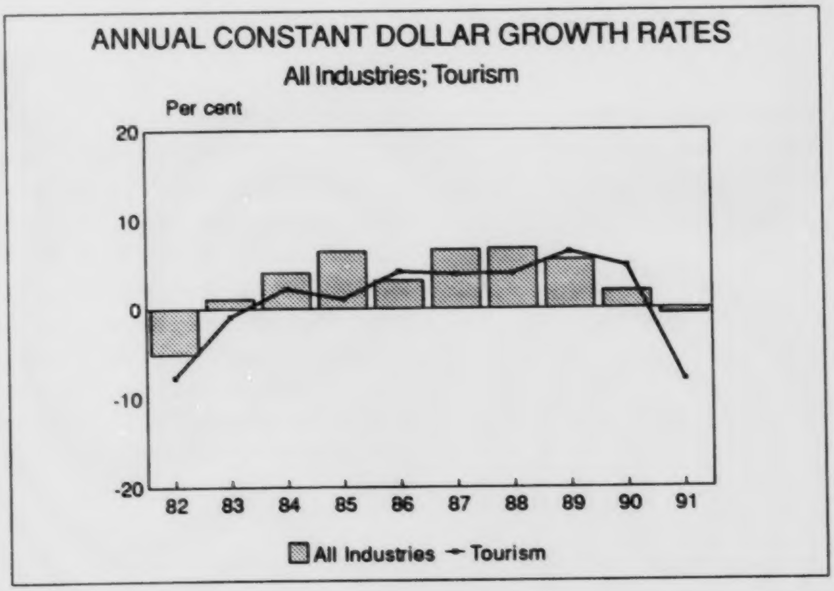


Figure 6

As a percentage of the total BC economy (Figure 7), tourism has fallen from 4.1 per cent in 1981 to 3.4 per cent in 1991. This is in contrast with the non-tourism service sector as a group which increased its share of the British Columbia economy by 2.5 per cent over the decade, from 64.3 per cent in 1981 to 66.8 per cent in 1991. Tourism has indeed grown over this period, but its growth has been slower than other non-tourism service industries such as transportation and storage (5.8 per cent of provincial GDP in 1981, 6.2 per cent in 1991) and communications (3.0 per cent of provincial GDP in 1981, 3.4 per cent in 1991).

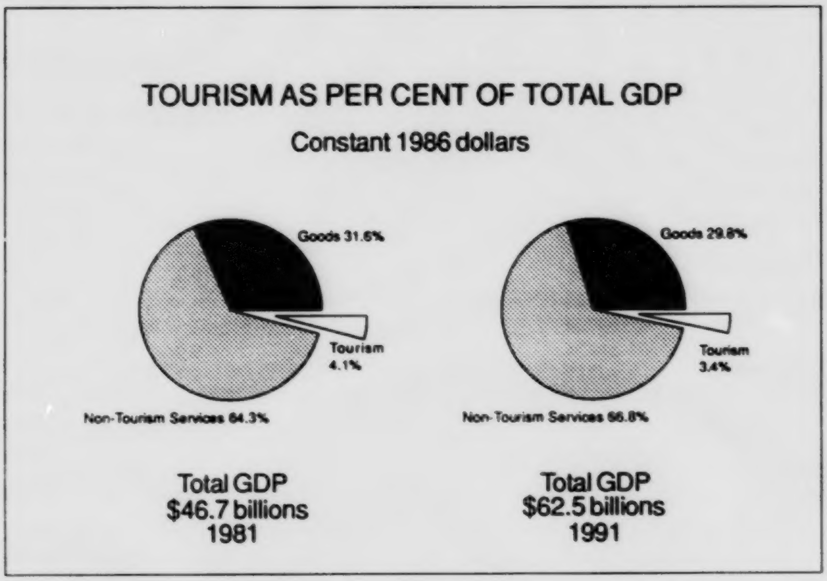


Figure 7

Performance of the Goods, Non-Tourism Services and Tourism Sectors

Growth rates for the goods, non-tourism services and tourism sectors are shown in current dollars in Figure 8 and constant dollars in Figure 9. The effect of price changes are particularly apparent in the years surrounding Expo. In Figure 8 there is a significant sawtooth in the tourism trend line from 1984 to 1987. The tourism sector geared up strongly for the investment and marketing opportunities in the years preceding and during the exhibition and then GDP fell off the next year. Notably, however, in each of these years (with the exception of Expo year), growth in goods and non-tourism services equalled or exceeded tourism. In constant dollars (Figure 9) this is even more pronounced as non-tourism services outperformed tourism in each year including 1986.

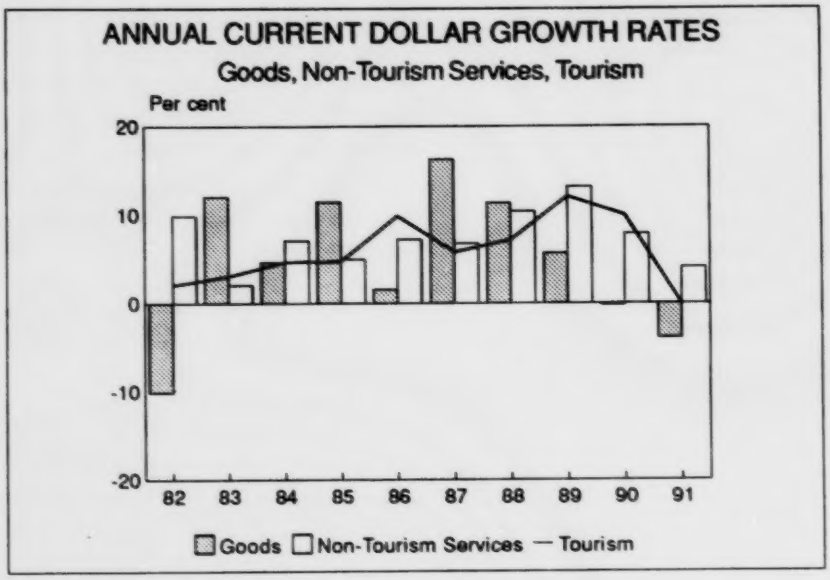


Figure 8

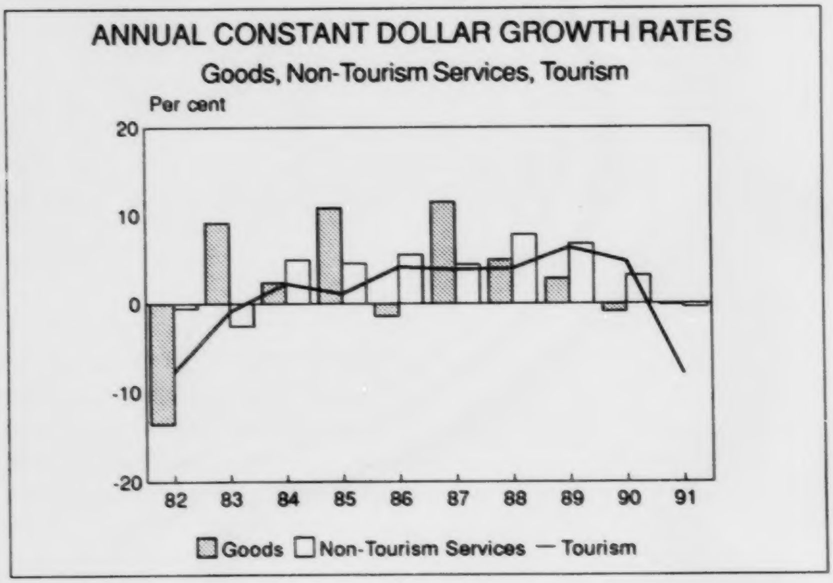
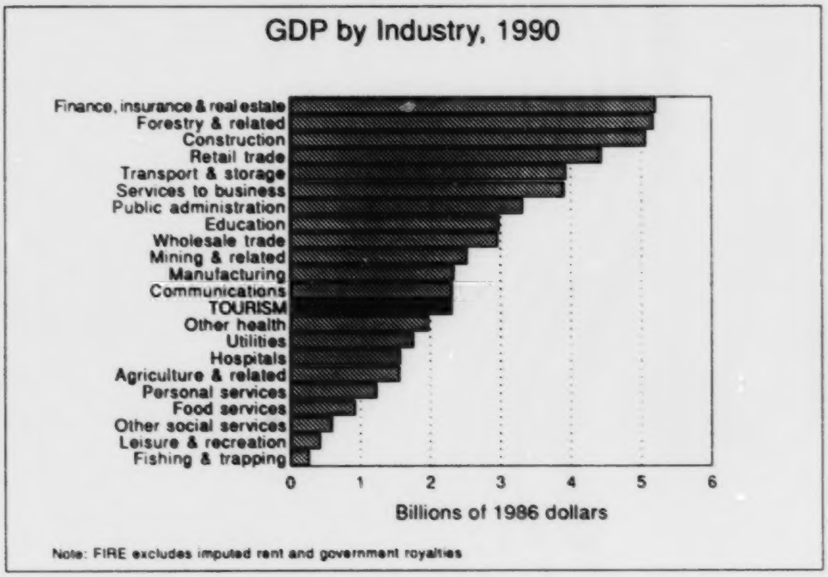


Figure 9

Inter-Industry Comparisons

Figure 10 shows the relative size of major components of the British Columbia economy in constant 1986 dollars. For this figure, related industries have been combined; for example, public sector forestry services and forestry-related manufacturing in pulp and paper and wood have been added to forestry. The tourism component of each service industry has been subtracted and grouped into a single category of tourism GDP. Under this scenario, tourism is seen as a medium-sized industry.

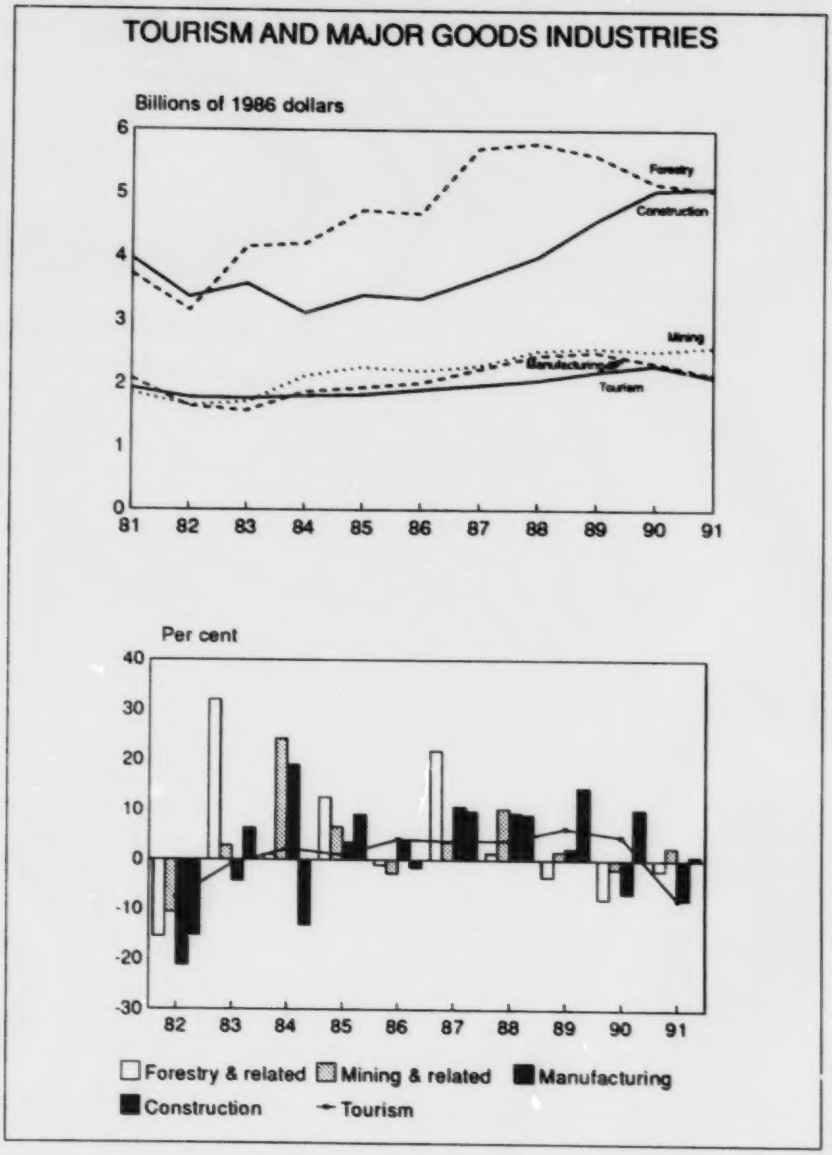

GDP by Industry, 1990

Note: FIRE excludes imputed rent and government royalties

Figure 10

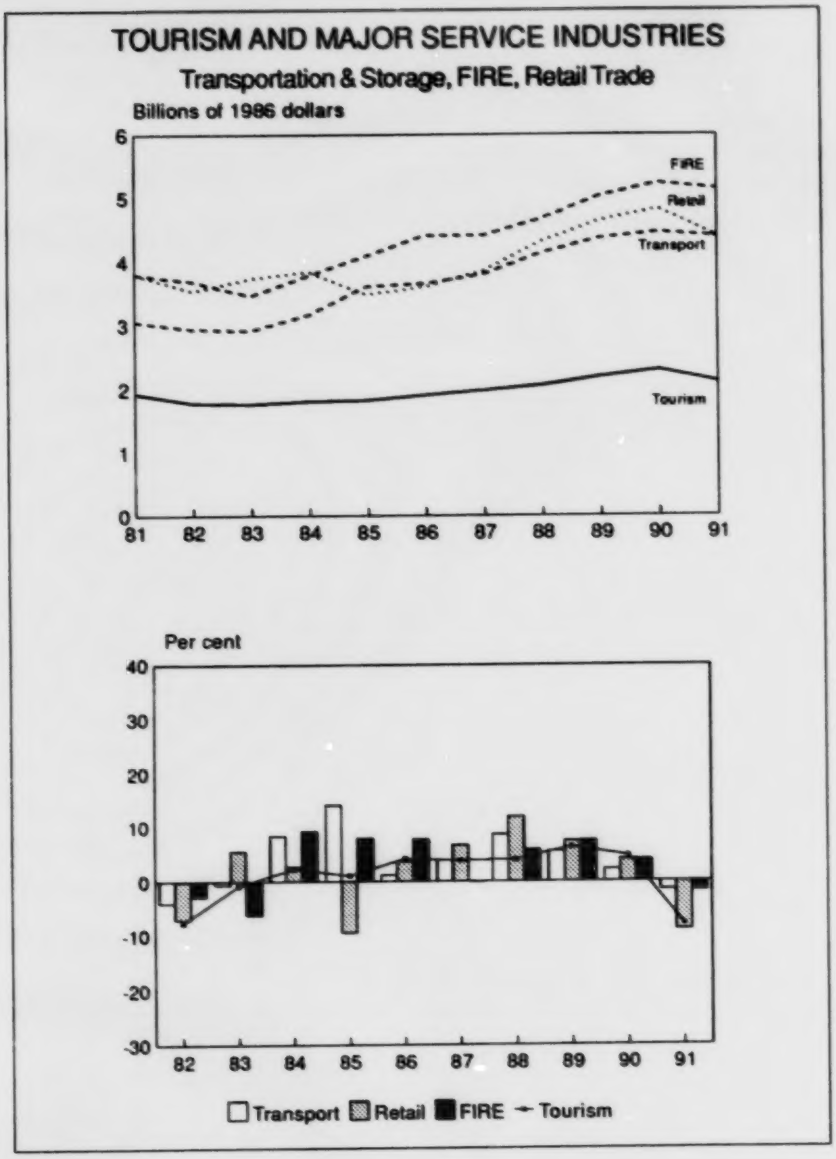
Tourism's growth is considerably less volatile than major goods industries in 1981–1991 (Figure 11). It seemed to suffer less acutely in 1982 than forestry, mining, manufacturing and construction, though the 1991 downturn has seen tourism fall more than the rest, except manufacturing. At the same time, apart from 1986, tourism recorded slower growth than each of these major goods industries for most of the economic recovery.

When tourism and major service industries are compared (Figures 12, 13) the tourism industry tends to show much the same pattern of relatively lower peaks and deeper troughs. A caveat should apply to this observation, however, because the tourism industry is essentially a weighted index of sum of these and other service industries.



TOURISM AND MAJOR GOODS INDUSTRIES

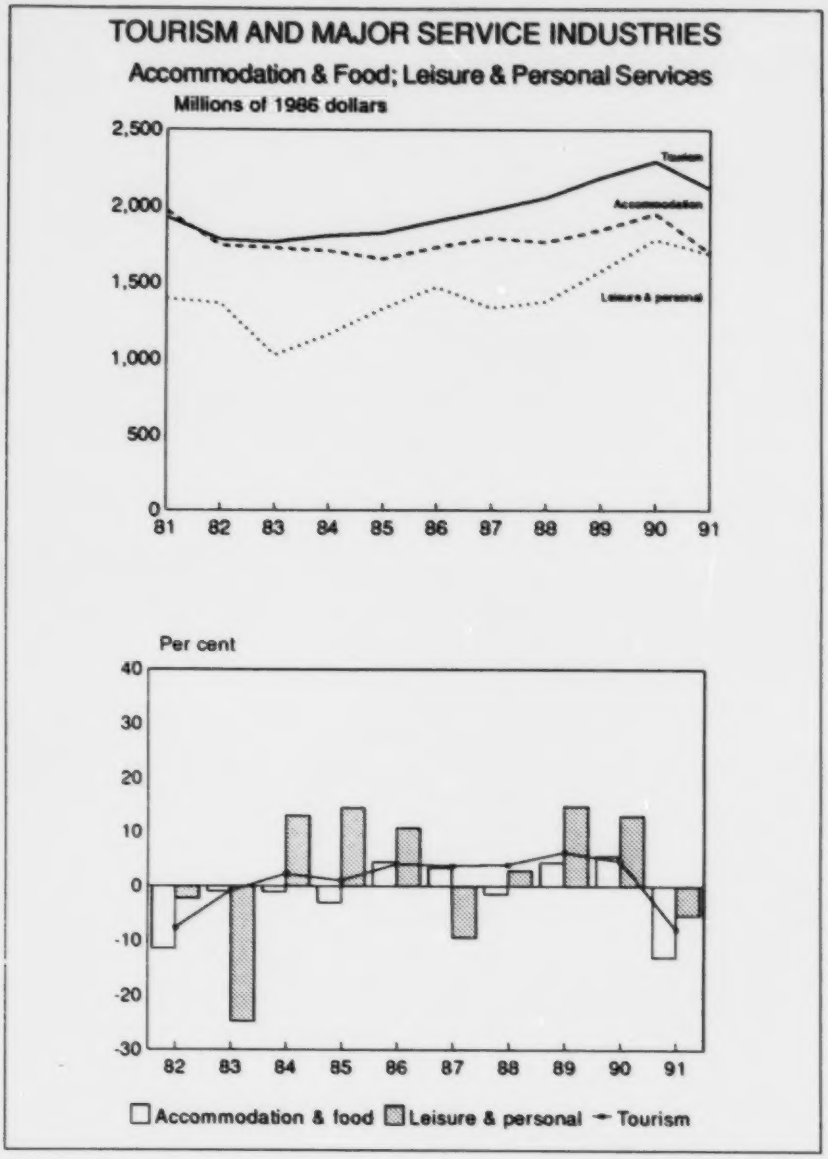
Figure 11



TOURISM AND MAJOR SERVICE INDUSTRIES

Transportation & Storage, FIRE, Retail Trade

Figure 12


TOURISM AND MAJOR SERVICE INDUSTRIES

Accommodation & Food; Leisure & Personal Services

Figure 13

Economic Activity

Table 1 Economic Activity: British Columbia and Canada

	1961	1962	1963	1964	1965	1966	1967	1968
BRITISH COLUMBIA								
GDP at market prices								
Millions of dollars	4040	4363	4695	5208	5843	6538	7113	7789
(Percentage change)	–	8.0	7.6	10.9	12.2	11.9	8.8	9.5
Millions of 1986 dollars	17471	18626	19495	21051	22800	24607	25235	26284
(Percentage change)	–	6.6	4.7	8.0	8.3	7.9	2.6	4.2
Personal income								
Millions of dollars	3140	3333	3570	3908	4363	4904	5443	5943
(Percentage change)	–	6.1	7.1	9.5	11.6	12.4	11.0	9.2
Millions of 1986 dollars	12210	12788	13400	14413	15691	17196	18142	18899
(Percentage change)	–	4.7	4.8	7.6	8.9	9.6	5.5	4.2
Personal income per capita								
Current dollars	1927	2008	2101	2240	2428	2617	2798	2967
(Percentage change)	–	4.2	4.7	6.6	8.4	7.8	6.9	6.0
Constant 1986 dollars	7495	7704	7887	8260	8732	9177	9327	9435
(Percentage change)	–	2.8	2.4	4.7	5.7	5.1	1.6	1.2
Personal disposable income per capita								
Current dollars	1729	1797	1879	1993	2144	2261	2384	2483
(Percentage change)	–	4.0	4.6	6.0	7.6	5.5	5.4	4.2
Constant 1986 dollars	6722	6895	7054	7349	7709	7929	7945	7897
(Percentage change)	–	2.6	2.3	4.2	4.9	2.9	0.2	–0.6
CANADA								
GDP at market prices								
Millions of dollars	40886	44408	47678	52191	57523	64388	69064	75418
(Percentage change)	–	8.6	7.4	9.5	10.2	11.9	7.3	9.2
Millions of 1986 dollars	169271	181264	190672	203382	216802	231519	238306	251064
(Percentage change)	–	7.1	5.2	6.7	6.6	6.8	2.9	5.4
Personal income								
Millions of dollars	30563	33288	35433	38162	42118	47297	51877	56988
(Percentage change)	–	8.9	6.4	7.7	10.4	12.3	9.7	9.9
Millions of 1986 dollars	119584	128476	133918	141971	153390	165864	174858	183820
(Percentage change)	–	7.4	4.2	6.0	8.0	8.1	5.4	5.1
Personal income per capita								
Current dollars	1676	1791	1872	1978	2144	2363	2546	2753
(Percentage change)	–	6.9	4.5	5.7	8.4	10.2	7.7	8.1
Constant 1986 dollars	6557	6914	7074	7359	7808	8287	8581	8880
(Percentage change)	–	5.4	2.3	4.0	6.1	6.1	3.5	3.5
Personal disposable income per capita								
Current dollars	1501	1606	1679	1759	1900	2054	2180	2326
(Percentage change)	–	7.0	4.5	4.8	8.0	8.1	6.1	6.7
Constant 1986 dollars	5872	6200	6344	6544	6918	7203	7349	7502
(Percentage change)	–	5.6	2.3	3.2	5.7	4.1	2.0	2.1

Economic Activity: British Columbia and Canada

Table 1

1969	1970	1971	1972	1973	1974	1975	1976	
								BRITISH COLUMBIA
								GDP at market prices
8871	9317	10349	11880	14709	17437	19486	22990	Millions of dollars
13.9	5.0	11.1	14.8	23.8	18.5	11.8	18.0	(Percentage change)
28587	28790	30452	32746	35860	37381	37926	40746	Millions of 1986 dollars
8.8	0.7	5.8	7.5	9.5	4.2	1.5	7.4	(Percentage change)
								Personal income
6743	7338	8188	9502	11432	13783	16135	18488	Millions of dollars
13.5	8.8	11.6	16.0	20.3	20.6	17.1	14.6	(Percentage change)
20539	21703	23705	26391	29863	32339	33947	35924	Millions of 1986 dollars
8.7	5.7	9.2	11.3	13.2	8.3	5.0	5.8	(Percentage change)
								Personal income per capita
3273	3448	3748	4239	4965	5802	6631	7495	Current dollars
10.3	5.3	8.7	13.1	17.1	16.8	14.3	13.0	(Percentage change)
9970	10199	10851	11774	12971	13613	13951	14564	Constant 1986 dollars
5.7	2.3	6.4	8.5	10.2	4.9	2.5	4.4	(Percentage change)
								Personal disposable income per capita
2678	2799	3021	3452	4039	4673	5388	6047	Current dollars
7.8	4.5	7.9	14.3	17.0	15.7	15.3	12.2	(Percentage change)
8156	8278	8747	9589	10550	10965	11334	11750	Constant 1986 dollars
3.3	1.5	5.7	9.6	10.0	3.9	3.4	3.7	(Percentage change)
								CANADA
								GDP at market prices
83026	89116	97290	108629	127372	152111	171540	197924	Millions of dollars
10.1	7.3	9.2	11.7	17.3	19.4	12.8	15.4	(Percentage change)
264508	271372	286998	303447	326848	341235	350113	371688	Millions of 1986 dollars
5.4	2.6	5.8	5.7	7.7	4.4	2.6	6.2	(Percentage change)
								Personal income
63186	68222	75277	85503	99838	118768	138578	158127	Millions of dollars
10.9	8.0	10.3	13.6	16.8	19.0	16.7	14.1	(Percentage change)
195731	204083	219830	239698	263066	283259	298798	317821	Millions of 1986 dollars
6.5	4.3	7.7	9.0	9.7	7.7	5.5	6.4	(Percentage change)
								Personal income per capita
3009	3203	3490	3922	4529	5311	6106	6877	Current dollars
9.3	6.5	9.0	12.4	15.5	17.3	15.0	12.6	(Percentage change)
9320	9583	10192	10995	11934	12666	13165	13823	Constant 1986 dollars
5.0	2.8	6.4	7.9	8.5	6.1	3.9	5.0	(Percentage change)
								Personal disposable income per capita
2491	2611	2835	3204	3709	4311	4993	5577	Current dollars
7.1	4.9	8.6	13.0	15.7	16.2	15.8	11.7	(Percentage change)
7715	7812	8279	8983	9772	10281	10765	11210	Constant 1986 dollars
2.8	1.3	6.0	8.5	8.8	5.2	4.7	4.1	(Percentage change)

Table 1 Economic Activity: British Columbia and Canada

	1977	1978	1979	1980	1981	1982	1983	1984
BRITISH COLUMBIA								
GDP at market prices								
Millions of dollars	25647	28732	33360	38239	44691	46115	48151	51119
(Percentage change)	11.6	12.0	16.1	14.6	16.9	3.2	4.4	6.2
Millions of 1986 dollars	42556	43855	45576	48696	53154	51013	51849	53043
(Percentage change)	4.4	3.1	3.9	6.8	9.2	−4.0	1.6	2.3
Personal income								
Millions of dollars	20691	23266	26422	31057	36960	40405	41666	43691
(Percentage change)	11.9	12.4	13.6	17.5	19.0	9.3	3.1	4.9
Millions of 1986 dollars	37801	39718	42069	45264	47991	47394	46107	46550
(Percentage change)	5.2	5.1	5.9	7.6	6.0	−1.2	−2.7	1.0
Personal income per capita								
Current dollars	8278	9152	10204	11649	13468	14494	14808	15343
(Percentage change)	10.4	10.5	11.5	14.2	15.6	7.6	2.2	3.6
Constant 1986 dollars	15124	15623	16247	16978	17488	17001	16386	16346
(Percentage change)	3.8	3.3	4.0	4.5	3.0	−2.8	−3.6	−0.2
Personal disposable income per capita								
Current dollars	6714	7468	8399	9581	10985	11808	11956	12517
(Percentage change)	11.0	11.2	12.5	14.1	14.7	7.5	1.3	4.7
Constant 1986 dollars	12264	12749	13373	13965	14266	13849	13228	13336
(Percentage change)	4.4	4.0	4.9	4.4	2.2	−2.9	−4.5	0.8
CANADA								
GDP at market prices								
Millions of dollars	217879	241604	276096	309891	355994	374442	405717	444735
(Percentage change)	10.1	10.9	14.3	12.2	14.9	5.2	8.4	9.6
Millions of 1986 dollars	385122	402737	418328	424537	440127	425970	439448	467167
(Percentage change)	3.6	4.6	3.9	1.5	3.7	−3.2	3.2	6.3
Personal income								
Millions of dollars	174838	195163	219467	248890	293215	324837	343052	372239
(Percentage change)	10.6	11.6	12.5	13.4	17.8	10.8	5.6	8.5
Millions of 1986 dollars	327148	339498	351921	362826	384289	386263	383741	400653
(Percentage change)	2.9	3.8	3.7	3.1	5.9	0.5	−0.7	4.4
Personal income per capita								
Current dollars	7513	8299	9242	10352	12046	13214	13840	14903
(Percentage change)	9.2	10.5	11.4	12.0	16.4	9.7	4.7	7.7
Constant 1986 dollars	14057	14436	14819	15091	15787	15713	15481	16040
(Percentage change)	1.7	2.7	2.7	1.8	4.6	−0.5	−1.5	3.6
Personal disposable income per capita								
Current dollars	6075	6781	7574	8471	9764	10693	11135	12024
(Percentage change)	8.9	11.6	11.7	11.8	15.3	9.5	4.1	8.0
Constant 1986 dollars	11367	11796	12144	12348	12797	12715	12456	12942
(Percentage change)	1.4	3.8	3.0	1.7	3.6	−0.6	−2.0	3.9

Economic Activity: British Columbia and Canada

Table 1

1985	1986	1987	1988	1989	1990	1991	
							BRITISH COLUMBIA
							GDP at market prices
54499	57342	62876	69514	76921	80706	83383	Millions of dollars
6.6	5.2	9.7	10.6	10.7	4.9	3.3	(Percentage change)
56621	57342	59985	63127	66096	67944	67934	Millions of 1986 dollars
6.7	1.3	4.6	5.2	4.7	2.8	0.0	(Percentage change)
							Personal income
46487	48831	52574	57655	64589	70149	73870	Millions of dollars
6.4	5.0	7.7	9.7	12.0	8.6	5.3	(Percentage change)
48111	48831	50969	54019	58079	60069	60084	Millions of 1986 dollars
3.4	1.5	4.4	6.0	7.5	3.4	0.0	(Percentage change)
							Personal income per capita
16197	16902	17974	19346	21189	22394	22952	Current dollars
5.6	4.4	6.3	7.6	9.5	5.7	2.5	(Percentage change)
16763	16902	17425	18126	19053	19176	18668	Constant 1986 dollars
2.5	0.8	3.1	4.0	5.1	0.6	-2.6	(Percentage change)
							Personal disposable income per capita
13191	13617	14323	15299	16815	17500	17921	Current dollars
5.4	3.2	5.2	6.8	9.9	4.1	2.4	(Percentage change)
13652	13617	13887	14333	15120	14985	14576	Constant 1986 dollars
2.4	-0.3	2.0	3.2	5.5	-0.9	-2.7	(Percentage change)
							CANADA
							GDP at market prices
477988	505666	551597	605906	649916	667843	674388	Millions of dollars
7.5	5.8	9.1	9.8	7.3	2.8	1.0	(Percentage change)
489437	505666	526730	552958	565779	563060	553457	Millions of 1986 dollars
4.8	3.3	4.2	5.0	2.3	-0.5	-1.7	(Percentage change)
							Personal income
400199	427262	461191	506042	549191	589551	607354	Millions of dollars
7.5	6.8	7.9	9.7	8.5	7.3	3.0	(Percentage change)
415390	427262	443593	468970	486276	500313	491812	Millions of 1986 dollars
3.7	2.9	3.8	5.7	3.7	2.9	-1.7	(Percentage change)
							Personal income per capita
15903	16853	18003	19531	20929	22155	22494	Current dollars
6.7	6.0	6.8	8.5	7.2	5.9	1.5	(Percentage change)
16506	16853	17316	18101	18532	18801	18215	Constant 1986 dollars
2.9	2.1	2.8	4.5	2.4	1.5	-3.1	(Percentage change)
							Personal disposable income per capita
12769	13335	14109	15216	16434	17047	17302	Current dollars
6.2	4.4	5.8	7.8	8.0	3.7	1.5	(Percentage change)
13254	13335	13571	14101	14552	14467	14010	Constant 1986 dollars
2.4	0.6	1.8	3.9	3.2	-0.6	-3.2	(Percentage change)

Annual Current Dollar Estimates

Table 2

Income Account

Millions of Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Wages & salaries	23504	23738	24360	26026	27289	29712	32640	36623	39522	41701
Supplementary labour income	2336	2455	2568	2795	2793	2840	3214	3490	3823	4193
Military pay & allowances	230	259	275	273	286	307	318	335	349	356
Corporation profits before taxes	1800	2701	3287	3539	4204	5927	6780	6478	4823	3136
Interest & miscellaneous investment income	5102	4840	5512	5631	5672	6038	6930	8746	9899	9270
Accrued net income of farm operators from farm production (1)	137	138	142	52	127	172	196	121	193	266
Net income of non-farm unincorporated business	2432	3017	3301	3708	3976	4185	4518	4815	5097	5320
Rent	837	1252	1416	1605	1730	1736	1777	1818	1877	1940
Other income	1595	1765	1885	2103	2246	2449	2741	2997	3220	3380
Inventory valuation adjustment	-382	-288	-243	-163	-249	-339	-306	-194	32	170
Net domestic income at factor cost	**35159**	**36860**	**39202**	**41861**	**44098**	**48842**	**54290**	**60413**	**63738**	**64411**
Capital consumption allowances	5561	5896	6220	6734	7210	7430	7950	8510	8971	9465
Business	4929	5223	5504	5994	6444	6635	7089	7581	7962	8383
Government	632	673	716	740	766	795	861	929	1009	1082
Gross domestic product at factor cost	**40720**	**42756**	**45422**	**48595**	**51308**	**56272**	**62240**	**68923**	**72709**	**73876**
Indirect taxes less subsidies	5395	5395	5697	5904	6034	6604	7274	7998	7997	9507
Indirect taxes	6122	6131	6557	6750	7133	7522	8127	9036	9131	10957
Subsidies	727	736	860	846	1099	918	853	1038	1134	1450
Gross domestic product at market prices	**46115**	**48151**	**51119**	**54499**	**57342**	**62876**	**69514**	**76921**	**80706**	**83383**

(1) Includes adjustment for grain transactions.

Table 3

Expenditure Account

Millions of Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Personal expenditure	26840	28792	30890	33330	36486	38795	42047	46071	49749	52439
Durable goods	3238	3481	3837	4280	4843	5398	6053	6677	6985	6777
Motor vehicles, parts & repairs	1354	1456	1645	1955	2288	2555	2863	3247	3415	3288
Furniture & household appliances	749	808	859	910	962	1087	1194	1264	1301	1242
Other durables	1135	1217	1333	1414	1593	1756	1996	2166	2269	2247
Semi-durable goods	2730	2817	2972	3098	3332	3570	3799	4053	4313	4448
Clothing & footwear	1531	1586	1682	1769	1902	2003	2092	2237	2352	2409
Other semi-durables	1199	1231	1290	1329	1430	1567	1707	1816	1961	2039
Non-durable goods	7867	8206	8864	9384	9690	10186	10917	11614	12624	13443
Foods & non-alcoholic beverages	3524	3678	4019	4164	4422	4711	5036	5306	5807	6189
Motor fuels & lubricants	1022	1066	1147	1209	1028	1112	1075	1235	1367	1301
Electricity, gas & other fuels	785	809	876	971	925	899	1019	1032	1124	1299
Other non-durables	2535	2653	2822	3040	3315	3464	3787	4041	4326	4654
Services	13005	14288	15217	16568	18621	19641	21278	23727	25827	27771
Gross rent (imputed & paid)	5832	6449	6708	7302	7746	8249	8939	9972	11088	12042
Restaurants & hotels	1872	1938	2063	2222	2698	2579	2786	3048	3257	3328
Other services	5301	5900	6446	7043	8177	8813	9553	10707	11481	12401
Government current expenditure on goods & services	8986	9481	9617	9726	10185	10765	11424	11882	12768	13632
Government investment: fixed capital	1114	1237	1308	1672	1433	1430	1315	1868	2188	2413
Construction	965	1082	1015	1453	1225	1133	1013	1502	1834	2084
Machinery & equipment	149	155	293	219	208	297	302	366	354	329
Business investment: fixed capital	9585	9041	8566	8890	8476	10265	12892	16420	17069	17216
Residential construction	2890	2984	2755	2885	3137	4163	5084	7150	7368	8127
New construction	1735	1642	1368	1408	1709	2276	2641	3632	4276	3869
Alterations & improvements	815	898	979	981	882	897	979	1214	1409	1259
Transfer costs (commissions)	340	444	408	496	546	990	1464	2304	1683	3000
Non-residential construction	3508	3720	3351	3236	2577	2719	3388	4009	4089	4223
Machinery & equipment	3187	2337	2460	2769	2762	3383	4420	5261	5612	4866
Final domestic demand	**46525**	**48551**	**50381**	**53618**	**56580**	**61255**	**67678**	**76241**	**81774**	**85700**
Government investment: inventories	6	-4	2	-5	-3	-3	5	0	5	-3
Business investment: inventories	-1110	-257	-27	49	64	511	428	-189	-37	59
Non-farm inventories	-1119	-258	-17	79	55	516	359	-151	-32	42
Farm inventories	9	1	-10	-30	9	-5	69	-38	-5	17
External trade (1)										
Exports, rest of Canada	3501	3860	4198	4563	4881	5409	5835	6050	5783	5490
Exports, rest of world	9164	10141	11829	12701	13252	16084	17290	17940	16910	15388
Imports, rest of Canada	-7630	-7447	-7635	-8286	-8190	-8903	-9715	-10435	-10967	-10911
Imports, rest of world	-5674	-6031	-7739	-9009	-10383	-10711	-12767	-14164	-14566	-14849
Net service exports plus statistical discrepancy	1333	-662	111	868	1140	-766	759	1478	1805	2509
Gross domestic product at market prices	**46115**	**48151**	**51119**	**54499**	**57342**	**62876**	**69514**	**76921**	**80706**	**83383**

(1) Merchandise only. Services are included in Net service exports.

Table 4

Sources & Disposition of Personal Income

Millions of Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Wages & salaries	23504	23738	24360	26026	27289	29712	32640	36623	39522	41701
Military pay & allowances	230	259	275	273	286	307	318	335	349	356
Supplementary labour income	2336	2455	2568	2795	2793	2840	3214	3490	3823	4193
Accrued net income of farm operators from farm production (1)	136	135	141	48	126	177	195	129	189	244
Net income of non-farm unincorporated business	2432	3017	3302	3708	3976	4185	4518	4815	5097	5320
Rent	837	1252	1416	1605	1730	1736	1777	1818	1877	1940
Other income	1595	1765	1886	2103	2246	2449	2741	2997	3220	3380
Interest, dividends & miscellaneous investment income	6350	5745	6367	6536	6850	7200	8092	9965	11150	10636
Transfers	5417	6317	6678	7101	7511	8153	8678	9233	10019	11421
From governments	5277	6180	6540	6962	7355	7984	8502	9047	9820	11208
To persons	5193	6041	6494	6942	7351	7981	8497	9037	9803	11134
Capital assistance	84	139	46	20	4	3	5	10	17	74
From corporations	72	68	66	61	68	75	78	87	92	97
From non-residents	68	69	72	78	88	94	98	99	107	116
Personal income	**40405**	**41666**	**43691**	**46487**	**48831**	**52574**	**57655**	**64589**	**70149**	**73870**
Direct taxes	7101	7605	7618	8176	9023	10140	11370	12519	14497	15283
Federal income tax	3560	3626	3638	3957	4507	5073	5581	6410	7358	7641
Provincial income tax	1816	2079	1960	2035	2254	2729	3095	3312	3832	3979
Succession duties & estate taxes	0	0	0	0	0	0	0	0	0	0
Contributions to social insurance	1725	1900	2020	2184	2262	2338	2694	2797	3307	3663
Other transfers to government	388	419	429	451	468	538	690	814	833	908
Hospital & medical premiums	287	314	317	337	358	396	540	629	654	711
Licences, permits, etc.	101	105	112	114	110	142	150	185	179	197
Personal disposable income	**32916**	**33642**	**35644**	**37860**	**39340**	**41896**	**45595**	**51256**	**54819**	**57679**
Expenditure on goods & services	26840	28792	30890	33330	36486	38795	42047	46071	49749	52439
Interest on consumer debt	864	625	571	579	553	612	680	901	1066	944
Transfers to non-residents	50	54	57	63	69	72	79	91	95	100
Personal savings	**5162**	**4171**	**4126**	**3888**	**2232**	**2417**	**2789**	**4193**	**3909**	**4196**
Personal savings rate	**15.7**	**12.4**	**11.5**	**10.3**	**5.7**	**5.8**	**6.1**	**8.3**	**7.1**	**7.3**
Real personal income (2)	**47394**	**46107**	**46550**	**48111**	**48831**	**50969**	**54019**	**58079**	**60069**	**60084**
Real disposable income (2)	**38606**	**37221**	**37978**	**39183**	**39340**	**40618**	**42714**	**46090**	**46940**	**46914**
Real personal savings (2)	**6055**	**4609**	**4383**	**4017**	**2232**	**2343**	**2602**	**3769**	**3338**	**3403**

(1) Excludes adjustment for grain transactions.

(2) Deflated by the Personal expenditure deflator.

Table 5

Gross Domestic Product – Goods

Millions of Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Business sector	**11587**	**13000**	**13634**	**15223**	**15467**	**18005**	**20050**	**21178**	**21138**	**20316**
Agriculture	458	446	472	542	584	560	555	568	579	665
Fishing & trapping	140	124	138	236	271	307	286	339	379	360
Forestry & logging	729	1087	1053	1094	1048	1487	1600	1500	1355	1285
Mining	1147	1253	1620	1693	1370	1661	1980	1963	2043	1926
Metals (1)	237	333	na	294	390	581	757	680	602	554
Industrial minerals (1)	55	55	na	68	70	84	82	105	117	107
Petroleum & natural gas	472	527	552	634	355	455	466	492	624	592
Coal	293	282	612	589	475	453	530	522	527	511
Services related to mining	90	57	79	107	80	89	144	164	173	163
Manufacturing	4720	5532	6001	6511	7326	8695	9670	9949	9175	8401
Non-durables	2295	2575	2865	2992	3408	4070	4611	4702	4415	4084
Food & beverages	731	792	852	922	910	930	963	993	983	1027
Paper & allied	833	932	1164	1108	1510	2172	2541	2562	2298	1942
Petroleum & coal products (1)	174	221	na	189	na	69	60	61	69	74
Chemicals (1)	141	172	na	221	na	239	278	282	288	286
Other non-durables	417	458	486	552	606	660	770	805	777	756
Durables	2425	2957	3136	3519	3918	4625	5059	5247	4760	4316
Wood	943	1556	1437	1755	2060	2615	2679	2715	2443	2245
Furniture & fixtures	49	46	42	51	67	67	71	87	86	87
Primary metal products	323	326	414	361	426	400	552	543	411	354
Metal fabricated products	323	324	333	378	367	441	470	535	489	465
Machinery & equipment	167	148	191	219	225	275	361	404	387	307
Transportation equipment	251	191	305	331	333	334	365	358	319	271
Electrical & electronic equipment	101	101	135	133	151	181	198	211	197	172
Non-metallic mineral products	194	195	195	202	205	225	256	286	328	308
Miscellaneous manufacturing	75	70	84	89	83	87	105	107	100	108
Construction	3432	3587	3112	3435	3343	3720	4288	5196	5897	5890
Residential	902	760	692	714	959	1194	1364	1758	2036	1894
Non-residential	2531	2827	2420	2720	2383	2526	2924	3438	3861	3996
Utilities	960	972	1238	1712	1526	1574	1671	1665	1710	1790
Non-business sector	**134**	**144**	**139**	**136**	**140**	**147**	**174**	**189**	**196**	**194**
Forestry services	75	85	79	74	76	78	99	109	109	104
Manufacturing	0	0	0	0	1	1	1	1	1	1
Utilities (water systems)	60	59	60	62	64	68	74	78	85	89
Total goods	**11722**	**13144**	**13773**	**15359**	**15608**	**18152**	**20224**	**21367**	**21334**	**20510**
Total services	**28998**	**29612**	**31649**	**33236**	**35701**	**38120**	**42016**	**47556**	**51375**	**53366**
Gross domestic product at factor cost	**40720**	**42756**	**45422**	**48595**	**51308**	**56272**	**62240**	**68923**	**72709**	**73876**

(1) na = secure data.

Table 6

Gross Domestic Product – Services

Millions of Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Business sector	**21571**	**21977**	**23617**	**25231**	**27482**	**29570**	**32885**	**37399**	**40314**	**41483**
Transportation & storage	2520	2576	2764	3153	3333	3500	3678	4185	4495	4742
Communications	1519	1573	1689	1693	1825	2030	2162	2325	2421	2406
Wholesale trade	2057	1981	2312	2480	2623	2769	3267	3471	3461	3261
Retail trade	3518	3533	3737	3486	3609	3874	4407	4967	5399	5265
Finance, insurance & real estate	6536	7248	7559	8425	9273	10235	11034	12565	13427	14043
Government royalties	329	365	414	442	436	658	708	791	739	732
Owner-occupied dwellings	3254	3649	3781	4252	4421	4692	5081	5745	6439	6921
Other	2954	3234	3364	3731	4416	4886	5245	6029	6249	6390
Services to business	1860	1510	1741	1918	2285	2438	3235	4010	4532	4819
Education	67	73	77	82	90	92	99	120	131	144
Health services	926	1064	1153	1205	1237	1321	1407	1550	1724	2022
Accommodation & food	1339	1429	1459	1518	1735	1838	1931	2111	2357	2265
Other services	1229	988	1126	1269	1473	1474	1667	2095	2367	2517
Non-business sector	**7427**	**7635**	**8032**	**8004**	**8218**	**8550**	**9131**	**10157**	**11061**	**11882**
Transportation & storage	305	288	317	345	327	290	290	246	264	279
Education	2161	2205	2299	2287	2355	2507	2779	3340	3657	4006
Hospitals	1168	1257	1349	1329	1387	1469	1596	1719	1833	1992
Other health services	391	448	494	479	480	527	566	619	658	711
Other services	491	434	448	465	483	493	527	590	665	707
Public administration & defence	2910	3003	3124	3100	3187	3263	3373	3642	3984	4188
Federal & other	1229	1300	1390	1441	1528	1568	1617	1754	1885	1935
Provincial	988	1007	1012	894	862	867	892	950	1085	1155
Local	694	696	722	765	798	828	864	939	1015	1099
Total services	**28998**	**29612**	**31649**	**33236**	**35701**	**38120**	**42016**	**47556**	**51375**	**53366**
Total goods	**11722**	**13144**	**13773**	**15360**	**15608**	**18152**	**20224**	**21367**	**21334**	**20510**
Gross domestic product at factor cost	**40720**	**42756**	**45422**	**48595**	**51308**	**56272**	**62240**	**68923**	**72709**	**73876**

Annual Constant Dollar Estimates

Table 7

Expenditure Account

Millions of 1986 Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Personal expenditure	31464	31851	32919	34496	36486	37612	39401	41425	42605	42659
Durable goods	3570	3740	4048	4465	4843	5308	5774	6167	6374	6081
Motor vehicles, parts & repairs	1580	1648	1815	2091	2288	2525	2722	2928	3001	2860
Furniture & household appliances	811	833	868	920	962	1053	1132	1171	1211	1135
Other durables	1173	1251	1357	1454	1593	1729	1921	2068	2162	2086
Semi-durable goods	3141	3079	3154	3194	3332	3438	3514	3595	3728	3585
Clothing & footwear	1727	1708	1758	1802	1901	1945	1938	1999	2058	1945
Other semi-durables	1419	1375	1401	1394	1430	1494	1575	1596	1670	1641
Non-durable goods	9385	9254	9414	9590	9690	9747	10097	10383	10560	10652
Foods & non-alcoholic beverages	4062	4124	4240	4337	4422	4534	4732	4934	5093	5160
Motor fuels & lubricants	1094	1037	1042	1025	1028	1035	1024	1068	1015	1009
Electricity, gas & other fuels	949	889	918	975	925	902	999	1015	1056	1120
Other non-durables	3301	3212	3215	3255	3314	3276	3342	3367	3395	3363
Services	15442	15839	16342	17262	18621	19119	20016	21280	21943	22341
Gross rent (imputed & paid)	6665	6932	7002	7456	7746	8080	8470	8866	9319	9770
Restaurants & hotels	2302	2243	2310	2387	2698	2537	2625	2741	2774	2567
Other services	6460	6641	7017	7402	8177	8503	8921	9672	9850	10004
Government current expenditure on goods & services	9972	10056	9993	10083	10185	10338	10609	10485	10806	11159
Government investment: fixed capital	1191	1293	1330	1659	1433	1431	1275	1767	2007	2257
Construction	1051	1147	1044	1460	1225	1128	961	1383	1629	1857
Machinery & equipment	144	151	274	204	208	303	314	384	378	400
Business investment: fixed capital	9475	9042	8423	8824	8476	9907	11961	14168	14661	14591
Residential construction	2843	2969	2674	2875	3137	3902	4360	5376	5548	5580
New construction	1369	1556	1194	1351	1709	2156	2354	2930	3347	3065
Alterations & improvements	828	938	930	957	882	858	909	1072	1225	989
Transfer costs (commissions)	284	416	377	488	546	888	1097	1374	976	1527
Non-residential construction	3791	4060	3561	3329	2577	2609	3078	3469	3431	3643
Machinery & equipment	3010	2211	2351	2734	2762	3396	4523	5323	5682	5368
Final domestic demand	**52532**	**52569**	**52816**	**55248**	**56580**	**59288**	**63246**	**67845**	**70079**	**70666**
Government investment: inventories	8	-4	2	-5	-3	-3	5	0	5	-3
Business investment: inventories	-1489	-227	-109	125	64	625	425	-176	318	73
Non-farm inventories	-1485	-227	-99	149	55	639	378	-149	313	69
Farm inventories	-3	0	-10	-24	9	-14	46	-27	5	4
External trade (1)										
Exports, rest of Canada	3894	4119	4361	4762	4881	5136	5272	5421	5213	5122
Exports, rest of world	9969	10903	12040	13110	13252	15191	15821	15841	15645	15630
Imports, rest of Canada	-8087	-7592	-7493	-7916	-8190	-8592	-9195	-9565	-9864	-9903
Imports, rest of world	-6531	-6878	-8268	-9364	-10383	-10930	-13129	-14545	-14938	-15690
Net service exports plus statistical discrepancy	1488	-702	137	910	1140	-731	681	1273	1485	2038
Adjusting entry	-231	-198	-295	-104	0	0	0	0	0	0
Gross domestic product at market prices	**51013**	**51849**	**53043**	**56621**	**57342**	**59985**	**63127**	**66096**	**67944**	**67934**

Prior to 1986, components do not sum to totals due to an adjusting entry.

(1) Merchandise only. Services are included in Net service exports.

Table 8

Gross Domestic Product – Goods

Millions of 1986 Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Business sector	**12672**	**13846**	**14196**	**15805**	**15467**	**17278**	**18126**	**18642**	**18466**	**18457**
Agriculture	581	593	570	596	584	667	677	667	675	763
Fishing & trapping	209	205	178	347	271	208	206	257	259	207
Forestry & logging	746	1130	1139	1200	1048	1369	1364	1293	1180	1110
Mining	895	981	1269	1346	1370	1537	1693	1747	1734	1797
Metals (1)	217	282	na	285	390	412	442	399	396	411
Industrial minerals (1)	43	40	na	51	70	82	78	88	89	87
Petroleum & natural gas	393	437	446	487	355	454	464	545	542	596
Coal	208	213	490	500	475	507	593	589	579	592
Services related to mining	103	64	85	108	80	83	116	126	128	112
Manufacturing	5690	6148	6513	7220	7326	8138	8478	8395	7879	7711
Non-durables	2762	3086	3103	3338	3408	3668	3780	3695	3569	3690
Food & beverages	815	812	845	933	910	882	862	867	879	927
Paper & allied	1051	1308	1272	1393	1510	1717	1786	1702	1588	1678
Petroleum & coal products (1)	274	244	na	204	na	210	197	194	192	209
Chemicals (1)	180	226	na	238	na	238	257	251	263	257
Other non-durables	514	532	540	575	605	621	678	681	648	619
Durables	2810	2974	3415	3830	3918	4470	4698	4700	4310	4021
Wood	1270	1621	1708	2060	2060	2561	2557	2506	2293	2174
Furniture & fixtures	57	52	45	55	67	61	62	73	70	70
Primary metal products	332	296	383	437	426	327	402	373	308	305
Metal fabricated products	374	359	356	375	367	424	435	479	434	417
Machinery & equipment	184	159	202	230	225	282	352	361	333	261
Transportation equipment	306	215	321	331	333	333	365	352	306	259
Electrical & electronic equipment	48	51	104	104	151	195	208	219	199	176
Non-metallic mineral products	235	231	234	228	205	210	229	250	285	272
Miscellaneous manufacturing	90	80	95	93	83	77	88	87	81	87
Construction	3364	3581	3109	3396	3343	3670	4005	4586	5056	5099
Residential	794	764	649	674	959	1188	1288	1520	1715	1570
Non-residential	2569	2817	2460	2721	2383	2482	2717	3065	3341	3529
Utilities	1288	1279	1370	1749	1526	1690	1704	1699	1684	1770
Non-business sector	**133**	**139**	**129**	**134**	**140**	**138**	**157**	**169**	**172**	**164**
Forestry services	81	88	78	79	76	74	92	102	103	97
Manufacturing	0	0	0	0	1	1	1	1	1	1
Utilities (water systems)	53	52	52	56	64	64	65	66	68	66
Total goods	**12751**	**13926**	**14264**	**15821**	**15607**	**17415**	**18283**	**18810**	**18638**	**18620**
Total services	**31654**	**30898**	**32407**	**33834**	**35700**	**37308**	**40140**	**42846**	**44249**	**43916**
Adjusting entry	-49	20	5	47	0	0	0	0	0	0
Gross domestic product at factor cost	**44357**	**44844**	**46677**	**49702**	**51308**	**54724**	**58424**	**61657**	**62888**	**62537**

Prior to 1986, components do not sum to totals due to an adjusting entry.

(1) na = secure data.

Table 9

Gross Domestic Product – Services

Millions of 1986 Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Business sector	**23696**	**23015**	**24417**	**25661**	**27482**	**28998**	**31614**	**34028**	**35091**	**34524**
Transportation & storage	2622	2627	2843	3262	3333	3512	3833	4126	4216	4154
Communications	1628	1593	1621	1655	1825	2073	2235	2339	2353	2191
Wholesale trade	2062	1924	2197	2485	2623	2729	3142	3120	2957	2713
Retail trade	3544	3743	3844	3482	3609	3855	4317	4643	4831	4400
Finance, insurance & real estate	7359	7397	7801	8565	9273	9776	10423	11176	11566	11802
Government royalties	190	200	235	281	436	738	888	973	849	956
Owner-occupied dwellings	3664	3885	3929	4325	4421	4625	4863	5172	5486	5701
Other	3697	3468	3790	4095	4416	4413	4673	5030	5231	5145
Services to business	2264	1746	1909	1859	2285	2563	3137	3754	3898	4209
Education	77	83	89	89	90	86	88	97	103	105
Health services	1098	1170	1233	1228	1237	1275	1296	1347	1430	1562
Accommodation & food	1745	1729	1711	1659	1735	1795	1769	1848	1953	1698
Other services	1363	1025	1159	1328	1473	1334	1374	1578	1785	1690
Non-business sector	**7951**	**7874**	**7984**	**8169**	**8218**	**8311**	**8526**	**8818**	**9159**	**9393**
Transportation & storage	317	294	326	357	327	291	302	242	248	244
Education	2421	2417	2393	2413	2354	2415	2493	2722	2883	2952
Hospitals	1325	1358	1375	1360	1387	1466	1536	1560	1587	1607
Other health services	318	340	356	461	480	500	516	533	540	543
Other services	586	484	479	485	483	491	506	540	589	610
Public administration & defence	3048	3033	3097	3099	3187	3148	3173	3220	3312	3436
Federal & other	1456	1490	1538	1513	1528	1508	1518	1515	1530	1569
Provincial	797	784	791	800	862	840	841	864	919	967
Local	807	776	791	805	798	800	814	841	864	901
Total services	**31654**	**30898**	**32407**	**33834**	**35700**	**37308**	**40140**	**42846**	**44249**	**43916**
Total goods	**12751**	**13926**	**14264**	**15821**	**15607**	**17415**	**18283**	**18810**	**18638**	**18620**
Adjusting entry	-49	20	5	47	0	0	0	0	0	0
Gross domestic product at factor cost	**44357**	**44844**	**46677**	**49702**	**51308**	**54724**	**58424**	**61657**	**62888**	**62537**

Prior to 1986, components do not sum to totals due to an adjusting entry.

Quarterly Current Dollar Estimates

Table 10

Income Account

Millions of Dollars

	I	II	III	IV	1982	I	II	III	IV	1983
Wages & salaries	5899	6068	5682	5855	23504	5779	6079	5986	5894	23738
Supplementary labour income	586	603	565	582	2336	598	629	619	610	2455
Military pay & allowances	54	59	59	58	230	61	65	66	66	259
Corporation profits before taxes	371	386	481	562	1800	599	703	739	660	2701
Interest & miscellaneous investment income	1291	1247	1311	1254	5102	1222	1147	1224	1247	4840
Accrued net income of farm operators from farm production (1)	−30	−44	210	2	137	−38	−81	246	12	138
Net income of non-farm unincorporated business	464	623	688	657	2432	638	773	854	752	3017
Rent	117	213	266	241	837	243	317	368	323	1252
Other income	347	410	422	415	1595	394	456	486	428	1765
Inventory valuation adjustment	−154	−193	−102	67	−382	−52	−127	−85	−25	−288
Net domestic income at factor cost	8481	8748	8893	9037	35159	8806	9189	9649	9216	36860
Capital consumption allowances	1347	1377	1388	1449	5561	1411	1444	1490	1551	5896
Business	1195	1220	1228	1286	4929	1247	1278	1320	1378	5223
Government	152	157	160	163	632	164	167	170	173	673
Gross domestic product at factor cost	9828	10125	10281	10486	40720	10217	10633	11139	10767	42756
Indirect taxes less subsidies	1338	1396	1332	1328	5395	1309	1305	1340	1441	5395
Indirect taxes	1437	1573	1609	1502	6122	1430	1473	1610	1619	6131
Subsidies	99	177	277	174	727	120	167	269	179	736
Gross domestic product at market prices	11166	11521	11614	11814	46115	11526	11938	12479	12207	48151

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Includes adjustment for grain transactions.

Income Account

Millions of Dollars

Table 10

I	II	III	IV	1984	I	II	III	IV	1985	
5716	6179	6174	6291	**24360**	6184	6517	6661	6665	**26026**	Wages & salaries
603	651	651	663	**2568**	664	700	715	716	**2795**	Supplementary labour income
66	70	70	69	**275**	66	69	69	69	**273**	Military pay & allowances
777	851	845	814	**3287**	802	886	916	936	**3539**	Corporation profits before taxes
1341	1316	1422	1433	**5512**	1453	1323	1326	1529	**5631**	Interest & miscellaneous investment income
−47	−99	244	45	**142**	−11	−26	67	23	**52**	Accrued net income of farm operators from farm production (1)
724	842	913	822	**3301**	788	938	1056	926	**3708**	Net income of non-farm unincorporated business
295	367	396	358	**1416**	343	415	441	407	**1605**	Rent
429	476	517	464	**1885**	445	523	615	519	**2103**	Other income
−134	−35	−7	−67	**−243**	−75	−72	−1	−14	**−163**	Inventory valuation adjustment
9045	**9775**	**10311**	**10070**	**39202**	**9869**	**10334**	**10808**	**10849**	**41861**	**Net domestic income at factor cost**
1495	1530	1565	1629	**6220**	1628	1666	1693	1747	**6734**	Capital consumption allowances
1321	1353	1385	1446	**5504**	1448	1482	1506	1558	**5994**	Business
174	177	181	184	**716**	180	184	186	189	**740**	Government
10541	**11305**	**11877**	**11699**	**45422**	**11498**	**12000**	**12501**	**12596**	**48595**	**Gross domestic product at factor cost**
1359	1431	1409	1498	**5697**	1373	1441	1573	1517	**5904**	Indirect taxes less subsidies
1498	1632	1705	1721	**6557**	1535	1692	1753	1770	**6750**	Indirect taxes
140	201	296	224	**860**	161	251	180	253	**846**	Subsidies
11899	**12737**	**13286**	**13197**	**51119**	**12871**	**13440**	**14074**	**14113**	**54499**	**Gross domestic product at market prices**

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Includes adjustment for grain transactions.

Table 10

Income Account

Millions of Dollars

	I	II	III	IV	1986	I	II	III	IV	1987
Wages & salaries	6547	6938	6907	6896	**27289**	7049	7447	7554	7661	**29712**
Supplementary labour income	670	710	707	706	**2793**	674	712	722	732	**2840**
Military pay & allowances	69	69	75	73	**286**	75	78	77	77	**307**
Corporation profits before taxes	957	1095	1069	1083	**4204**	1317	1522	1548	1540	**5927**
Interest & miscellaneous investment income	1432	1409	1405	1425	**5672**	1546	1443	1449	1599	**6038**
Accrued net income of farm operators from farm production (1)	-15	-30	133	40	**127**	-27	-38	172	65	**172**
Net income of non-farm unincorporated business	874	1014	1131	957	**3976**	931	1043	1180	1031	**4185**
Rent	383	454	474	419	**1730**	396	445	466	429	**1736**
Other income	491	560	656	538	**2246**	535	598	714	602	**2449**
Inventory valuation adjustment	-71	-39	-80	-59	**-249**	-49	-88	-99	-103	**-339**
Net domestic income at factor cost	**10464**	**11167**	**11347**	**11121**	**44098**	**11516**	**12118**	**12605**	**12603**	**48842**
Capital consumption allowances	1754	1777	1818	1860	**7210**	1788	1822	1875	1945	**7430**
Business	1566	1587	1626	1665	**6444**	1594	1625	1674	1741	**6635**
Government	189	190	192	195	**766**	194	196	200	204	**795**
Gross domestic product at factor cost	**12218**	**12944**	**13165**	**12981**	**51308**	**13304**	**13940**	**14480**	**14548**	**56272**
Indirect taxes less subsidies	1518	1503	1603	1410	**6034**	1503	1598	1760	1743	**6604**
Indirect taxes	1666	1832	1865	1770	**7133**	1728	1839	1958	1997	**7522**
Subsidies	147	329	263	360	**1099**	225	242	197	254	**918**
Gross domestic product at market prices	**13736**	**14447**	**14768**	**14391**	**57342**	**14807**	**15537**	**16240**	**16291**	**62876**

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Includes adjustment for grain transactions.

Income Account

Millions of Dollars

Table 10

I	II	III	IV	1988	I	II	III	IV	1989	
7646	8177	8326	8491	**32640**	8528	9139	9347	9608	**36623**	Wages & salaries
741	805	826	843	**3214**	807	873	893	918	**3490**	Supplementary labour income
78	80	80	80	**318**	79	87	85	84	**335**	Military pay & allowances
1523	1778	1742	1737	**6780**	1673	1684	1642	1479	**6478**	Corporation profits before taxes
1501	1745	1733	1950	**6930**	2071	2208	2013	2454	**8746**	Interest & miscellaneous investment income
-19	-31	173	74	**196**	-30	-65	147	69	**121**	Accrued net income of farm operators from farm production (1)
995	1144	1235	1144	**4518**	1060	1220	1340	1194	**4815**	Net income of non-farm unincorporated business
400	459	482	436	**1777**	402	468	497	452	**1818**	Rent
595	685	753	708	**2741**	659	752	844	742	**2997**	Other income
-73	-128	-38	-67	**-306**	-107	-98	-2	13	**-194**	Inventory valuation adjustment
12392	**13570**	**14077**	**14251**	**54290**	**14081**	**15048**	**15465**	**15819**	**60413**	**Net domestic income at factor cost**
1932	1963	2004	2051	**7950**	2084	2102	2147	2176	**8510**	Capital consumption allowances
1724	1749	1787	1829	**7089**	1859	1872	1913	1937	**7581**	Business
208	213	217	222	**861**	226	230	234	239	**929**	Government
14324	**15532**	**16082**	**16302**	**62240**	**16165**	**17150**	**17613**	**17995**	**68923**	**Gross domestic product at factor cost**
1745	1807	1858	1865	**7274**	1937	1992	2056	2013	**7998**	Indirect taxes less subsidies
1905	2028	2072	2122	**8127**	2131	2272	2309	2324	**9036**	Indirect taxes
161	221	214	257	**853**	194	279	253	311	**1038**	Subsidies
16068	**17339**	**17939**	**18167**	**69514**	**18102**	**19142**	**19668**	**20008**	**76921**	**Gross domestic product at market prices**

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Includes adjustment for grain transactions.

Table 10

Income Account

Millions of Dollars

	I	II	III	IV	1990	I	II	III	IV	1991
Wages & salaries	9399	9957	10028	10137	39522	9938	10576	10524	10663	41701
Supplementary labour income	909	963	970	981	3823	975	1037	1083	1098	4193
Military pay & allowances	83	83	95	88	349	90	89	89	88	356
Corporation profits before taxes	1272	1204	1235	1113	4823	653	889	882	713	3136
Interest & miscellaneous investment income	2330	2515	2437	2617	9899	2228	2459	2177	2406	9270
Accrued net income of farm operators from farm production (1)	-45	-84	233	90	193	-51	-81	274	123	266
Net income of non-farm unincorporated business	1154	1300	1408	1235	5097	1157	1381	1437	1346	5320
Rent	419	487	511	460	1877	435	498	529	478	1940
Other income	735	814	896	775	3220	722	882	908	868	3380
Inventory valuation adjustment	-95	-32	-5	164	32	60	39	59	12	170
Net domestic income at factor cost	**15006**	**15907**	**16400**	**16425**	**63738**	**15049**	**16390**	**16525**	**16448**	**64411**
Capital consumption allowances	2222	2223	2239	2287	8971	2324	2347	2365	2430	9465
Business	1976	1974	1984	2027	7962	2060	2078	2092	2153	8383
Government	245	250	255	260	1009	264	269	273	277	1082
Gross domestic product at factor cost	**17228**	**18130**	**18639**	**18712**	**72709**	**17373**	**18736**	**18890**	**18877**	**73876**
Indirect taxes less subsidies	1883	2093	2096	1926	7997	2245	2403	2461	2399	9507
Indirect taxes	2119	2384	2361	2267	9131	2546	2774	2832	2805	10957
Subsidies	236	291	265	342	1134	301	371	371	406	1450
Gross domestic product at market prices	**19110**	**20223**	**20735**	**20638**	**80706**	**19618**	**21139**	**21351**	**21276**	**83383**

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Includes adjustment for grain transactions.

Table 11

Expenditure Account

Millions of Dollars

	I	II	III	IV	1982	I	II	III	IV	1983
Personal expenditure	6262	6695	6717	7167	26840	6560	7185	7320	7727	28792
Durable goods	760	835	779	864	3238	714	912	884	971	3481
Motor vehicles, parts & repairs	357	373	317	307	1354	307	410	361	378	1456
Furniture & household appliances	164	179	181	224	749	168	194	205	241	808
Other durables	239	283	280	333	1135	239	309	318	351	1217
Semi-durable goods	564	656	664	846	2730	561	668	707	880	2817
Clothing & footwear	309	367	371	483	1531	315	376	394	502	1586
Other semi-durables	255	288	293	363	1199	246	292	314	378	1231
Non-durable goods	1875	1949	1941	2102	7867	1899	1998	2050	2259	8206
Foods & non-alcoholic beverages	820	881	887	935	3524	827	923	933	995	3678
Motor fuels & lubricants	226	260	295	242	1022	223	262	309	273	1066
Electricity, gas & other fuels	272	179	118	216	785	268	173	131	237	809
Other non-durables	556	629	640	710	2535	581	639	678	754	2653
Services	3063	3256	3332	3354	13005	3386	3607	3678	3618	14288
Gross rent (imputed & paid)	1399	1430	1475	1528	5832	1579	1600	1633	1637	6449
Restaurants & hotels	408	482	541	441	1872	399	496	588	455	1938
Other services	1256	1343	1315	1386	5301	1407	1511	1456	1526	5900
Government current expenditure on goods & services	2358	2041	2218	2370	8986	2550	2183	2365	2383	9481
Government investment: fixed capital	265	284	258	308	1114	298	324	339	276	1237
Construction	226	247	219	273	965	262	287	298	234	1082
Machinery & equipment	39	37	38	35	149	36	37	41	42	155
Business investment: fixed capital	2340	2562	2282	2402	9585	1906	2444	2574	2117	9041
Residential construction	692	800	743	655	2890	491	839	934	719	2984
New construction	521	514	392	308	1735	288	467	501	387	1642
Alterations & improvements	104	219	268	224	815	96	242	320	240	898
Transfer costs (commissions)	67	67	83	122	340	107	131	114	92	444
Non-residential construction	821	898	797	992	3508	905	987	1024	804	3720
Machinery & equipment	826	864	742	755	3187	509	618	616	593	2337
Final domestic demand	11224	11582	11474	12245	46525	11313	12136	12599	12503	48551
Government investment: inventories	1	7	9	-11	6	-1	2	1	-6	-4
Business investment: inventories	-116	-344	-204	-446	-1110	-93	-75	137	-226	-257
Non-farm inventories	-75	-375	-271	-398	-1119	-37	-101	46	-166	-258
Farm inventories	-41	31	68	-48	9	-56	26	91	-60	1
External trade (1)										
Exports, rest of Canada	850	914	863	874	3501	869	999	984	1009	3860
Exports, rest of world	2437	2199	2266	2263	9164	2275	2673	2364	2829	10141
Imports, rest of Canada	-1813	-1933	-1907	-1978	-7630	-1656	-1880	-1971	-1938	-7447
Imports, rest of world	-1570	-1516	-1345	-1243	-5674	-1377	-1583	-1480	-1591	-6031
Net service exports plus statistical discrepancy	154	612	457	110	1333	196	-333	-153	-372	-662
Gross domestic product at market prices	11166	11521	11614	11814	46115	11526	11938	12479	12207	48151

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Merchandise only. Services are included in Net service exports.

Table 11

Expenditure Account

Millions of Dollars

	I	II	III	IV	1984	I	II	III	IV	1985
Personal expenditure	7176	7740	7748	8226	**30890**	7596	8307	8436	8991	**33330**
Durable goods	852	1020	934	1031	**3837**	894	1115	1066	1205	**4280**
Motor vehicles, parts & repairs	386	461	395	402	**1645**	421	551	471	512	**1955**
Furniture & household appliances	185	213	211	250	**859**	188	216	228	278	**910**
Other durables	281	346	328	379	**1333**	285	348	366	415	**1414**
Semi-durable goods	609	710	724	929	**2972**	609	727	774	988	**3098**
Clothing & footwear	337	401	409	534	**1682**	344	416	437	572	**1769**
Other semi-durables	271	309	315	395	**1290**	265	311	336	416	**1329**
Non-durable goods	2049	2183	2192	2440	**8864**	2163	2278	2329	2614	**9384**
Foods & non-alcoholic beverages	921	1005	1024	1069	**4019**	949	1034	1056	1124	**4164**
Motor fuels & lubricants	251	284	319	294	**1147**	256	307	340	306	**1209**
Electricity, gas & other fuels	268	194	134	280	**876**	325	185	144	317	**971**
Other non-durables	609	700	715	797	**2822**	633	752	789	866	**3040**
Services	3666	3827	3898	3826	**15217**	3930	4186	4267	4184	**16568**
Gross rent (imputed & paid)	1647	1666	1696	1699	**6708**	1803	1816	1834	1849	**7302**
Restaurants & hotels	435	521	623	483	**2063**	467	561	673	522	**2222**
Other services	1584	1639	1580	1643	**6446**	1660	1810	1760	1813	**7043**
Government current expenditure on goods & services	2589	2191	2357	2480	**9617**	2679	2268	2302	2478	**9726**
Government investment: fixed capital	286	306	370	346	**1308**	367	420	469	416	**1672**
Construction	216	237	292	270	**1015**	311	362	418	363	**1453**
Machinery & equipment	71	69	78	76	**293**	56	58	51	53	**219**
Business investment: fixed capital	1759	2196	2424	2187	**8566**	1786	2288	2536	2280	**8890**
Residential construction	509	760	832	653	**2755**	475	768	890	752	**2885**
New construction	285	383	408	293	**1368**	243	371	425	369	**1408**
Alterations & improvements	118	263	329	268	**979**	128	266	321	265	**981**
Transfer costs (commissions)	106	114	96	92	**408**	103	130	144	118	**496**
Non-residential construction	712	783	964	891	**3351**	693	805	930	808	**3236**
Machinery & equipment	537	652	627	643	**2460**	619	715	715	719	**2769**
Final domestic demand	**11810**	**12433**	**12899**	**13239**	**50381**	**12428**	**13282**	**13743**	**14165**	**53618**
Government investment: inventories	-5	6	8	-7	**2**	-3	4	2	-7	**-5**
Business investment: inventories	-300	-67	532	-192	**-27**	124	-221	316	-170	**49**
Non-farm inventories	-219	-87	420	-132	**-17**	162	-249	317	-152	**79**
Farm inventories	-82	20	112	-60	**-10**	-39	28	-2	-17	**-30**
External trade (1)										
Exports, rest of Canada	1001	1080	1046	1070	**4198**	1051	1173	1157	1181	**4563**
Exports, rest of world	2539	2956	3195	3139	**11829**	3079	3129	3187	3306	**12701**
Imports, rest of Canada	-1740	-1888	-1971	-2037	**-7635**	-1844	-2087	-2145	-2210	**-8286**
Imports, rest of world	-1818	-2007	-1994	-1920	**-7739**	-2085	-2351	-2204	-2370	**-9009**
Net service exports plus statistical discrepancy	412	223	-429	-95	**111**	121	510	19	218	**868**
Gross domestic product at market prices	**11899**	**12737**	**13286**	**13197**	**51119**	**12871**	**13440**	**14074**	**14113**	**54499**

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Merchandise only. Services are included in Net service exports.

Expenditure Account

Millions of Dollars

Table 11

I	II	III	IV	1986	I	II	III	IV	1987	
8346	9203	9356	9581	**36486**	8794	9714	9833	10455	**38795**	**Personal expenditure**
1067	1265	1226	1285	**4843**	1120	1426	1357	1495	**5398**	Durable goods
526	630	594	538	**2288**	552	736	640	628	**2555**	Motor vehicles, parts & repairs
207	240	231	284	**962**	223	259	268	336	**1087**	Furniture & household appliances
334	395	402	462	**1593**	345	430	449	531	**1756**	Other durables
650	794	835	1053	**3332**	715	845	869	1141	**3570**	Semi-durable goods
364	454	475	609	**1902**	398	475	483	647	**2003**	Clothing & footwear
286	340	359	444	**1430**	316	370	386	494	**1567**	Other semi-durables
2263	2398	2432	2597	**9690**	2306	2515	2569	2796	**10186**	Non-durable goods
1000	1104	1144	1175	**4422**	1050	1175	1209	1277	**4711**	Foods & non-alcoholic beverages
259	260	272	237	**1028**	228	286	326	272	**1112**	Motor fuels & lubricants
318	208	154	245	**925**	297	197	153	251	**899**	Electricity, gas & other fuels
686	826	862	941	**3315**	731	857	881	995	**3464**	Other non-durables
4366	4746	4863	4646	**18621**	4653	4928	5038	5022	**19641**	Services
1909	1926	1945	1966	**7746**	2015	2036	2069	2129	**8249**	Gross rent (imputed & paid)
524	706	863	605	**2698**	533	655	763	627	**2579**	Restaurants & hotels
1933	2115	2055	2075	**8177**	2104	2236	2206	2267	**8813**	Other services
2838	2299	2481	2567	**10185**	2971	2458	2577	2759	**10765**	**Government current expenditure on goods & services**
339	335	407	352	**1433**	313	339	387	392	**1430**	**Government investment: fixed capital**
289	279	357	300	**1225**	241	264	315	313	**1133**	Construction
50	57	50	52	**208**	72	75	71	79	**297**	Machinery & equipment
1811	2168	2376	2121	**8476**	2036	2578	2937	2714	**10265**	**Business investment: fixed capital**
550	843	932	811	**3137**	739	1085	1275	1065	**4163**	Residential construction
332	442	485	450	**1709**	370	547	716	642	**2276**	New construction
107	247	296	232	**882**	108	256	312	222	**897**	Alterations & improvements
111	155	151	129	**546**	261	282	247	201	**990**	Transfer costs (commissions)
608	586	752	631	**2577**	578	633	757	751	**2719**	Non-residential construction
653	738	692	679	**2762**	719	860	906	898	**3383**	Machinery & equipment
13334	**14005**	**14620**	**14621**	**56580**	**14114**	**15088**	**15733**	**16320**	**61255**	**Final domestic demand**
-1	5	-3	-4	**-3**	0	3	-3	-3	**-3**	**Government investment: inventories**
375	-259	189	-242	**64**	449	-156	309	-91	**511**	**Business investment: inventories**
392	-245	135	-227	**55**	555	-266	258	-32	**516**	Non-farm inventories
-16	-14	54	-15	**9**	-106	110	51	-59	**-5**	Farm inventories
										External trade (1)
1158	1303	1207	1213	**4881**	1244	1368	1369	1428	**5409**	Exports, rest of Canada
3300	3519	3303	3131	**13252**	3824	3839	4137	4284	**16084**	Exports, rest of world
-1914	-2049	-2103	-2124	**-8190**	-1935	-2200	-2350	-2417	**-8903**	Imports, rest of Canada
-2509	-2721	-2589	-2564	**-10383**	-2426	-2673	-2732	-2880	**-10711**	Imports, rest of world
-7	644	144	360	**1140**	-462	267	-223	-349	**-766**	**Net service exports plus statistical discrepancy**
13736	**14447**	**14768**	**14391**	**57342**	**14807**	**15537**	**16240**	**16291**	**62876**	**Gross domestic product at market prices**

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Merchandise only. Services are included in Net service exports.

Table 11

Expenditure Account

Millions of Dollars

	I	II	III	IV	1988	I	II	III	IV	1989
Personal expenditure	9649	10397	10626	11376	42047	10339	11484	11703	12545	46071
Durable goods	1289	1556	1496	1713	6053	1372	1793	1677	1834	6677
Motor vehicles, parts & repairs	646	792	709	716	2863	710	953	807	776	3247
Furniture & household appliances	246	282	295	372	1194	247	301	319	397	1264
Other durables	397	483	493	624	1996	415	539	551	661	2166
Semi-durable goods	741	874	931	1253	3799	770	958	1001	1324	4053
Clothing & footwear	403	481	512	697	2092	416	527	551	743	2237
Other semi-durables	338	393	419	556	1707	354	431	450	581	1816
Non-durable goods	2586	2621	2740	2970	10917	2671	2767	2914	3261	11614
Foods & non-alcoholic beverages	1181	1228	1298	1330	5036	1194	1294	1347	1471	5306
Motor fuels & lubricants	250	265	303	257	1075	249	306	365	315	1235
Electricity, gas & other fuels	340	215	171	292	1019	370	194	168	300	1032
Other non-durables	815	912	969	1091	3787	858	974	1034	1176	4041
Services	5033	5346	5459	5440	21278	5526	5965	6111	6125	23727
Gross rent (imputed & paid)	2180	2203	2252	2303	8939	2371	2461	2537	2603	9972
Restaurants & hotels	604	710	836	635	2786	632	771	903	742	3048
Other services	2249	2433	2371	2501	9553	2523	2733	2671	2780	10707
Government current expenditure on goods & services	3115	2564	2834	2910	11424	3205	2747	2915	3015	11882
Government investment: fixed capital	279	319	357	360	1315	409	464	509	487	1868
Construction	205	241	285	281	1013	318	366	423	394	1502
Machinery & equipment	74	78	72	78	302	90	98	85	92	366
Business investment: fixed capital	2526	3293	3659	3413	12892	3399	4018	4535	4468	16420
Residential construction	873	1349	1519	1343	5084	1402	1686	2016	2046	7150
New construction	468	639	797	738	2641	669	868	1041	1054	3632
Alterations & improvements	117	281	335	246	979	147	349	416	302	1214
Transfer costs (commissions)	288	429	388	358	1464	586	469	559	690	2304
Non-residential construction	687	805	954	941	3388	850	977	1130	1052	4009
Machinery & equipment	966	1139	1185	1129	4420	1147	1355	1389	1370	5261
Final domestic demand	15569	16573	17476	18059	67678	17352	18713	19662	20514	76241
Government investment: inventories	2	3	0	0	5	0	0	0	0	0
Business investment: inventories	542	-209	396	-301	428	75	-269	301	-296	-189
Non-farm inventories	639	-362	330	-248	359	141	-285	267	-273	-151
Farm inventories	-97	153	66	-53	69	-66	16	34	-23	-38
External trade (1)										
Exports, rest of Canada	1386	1499	1459	1492	5835	1432	1576	1522	1519	6050
Exports, rest of world	4182	4500	4213	4395	17290	4611	4465	4547	4316	17940
Imports, rest of Canada	-2167	-2423	-2542	-2583	-9715	-2283	-2653	-2711	-2788	-10435
Imports, rest of world	-3133	-3288	-3079	-3267	-12767	-3389	-3890	-3419	-3466	-14164
Net service exports plus statistical discrepancy	-313	684	17	372	759	303	1199	-233	209	1478
Gross domestic product at market prices	16068	17339	17939	18167	69514	18102	19142	19668	20008	76921

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Merchandise only. Services are included in Net service exports.

Expenditure Account

Millions of Dollars

Table 11

I	II	III	IV	1990	I	II	III	IV	1991	
11585	12464	12579	13120	**49749**	12086	13177	13285	13891	**52439**	**Personal expenditure**
1609	1843	1727	1807	**6985**	1414	1839	1735	1789	**6777**	Durable goods
837	964	855	759	**3415**	746	967	847	728	**3288**	Motor vehicles, parts & repairs
278	310	314	398	**1301**	240	298	312	391	**1242**	Furniture & household appliances
493	569	557	650	**2269**	427	573	576	671	**2247**	Other durables
878	1026	1051	1358	**4313**	858	1066	1109	1415	**4448**	Semi-durable goods
467	545	568	772	**2352**	459	570	593	787	**2409**	Clothing & footwear
411	481	484	586	**1961**	399	497	516	628	**2039**	Other semi-durables
2959	3078	3154	3433	**12624**	3167	3242	3372	3662	**13443**	Non-durable goods
1365	1461	1478	1503	**5807**	1431	1545	1591	1622	**6189**	Foods & non-alcoholic beverages
286	336	374	372	**1367**	296	321	371	312	**1301**	Motor fuels & lubricants
361	219	182	361	**1124**	407	262	214	416	**1299**	Electricity, gas & other fuels
947	1061	1120	1197	**4326**	1032	1114	1196	1312	**4654**	Other non-durables
6140	6518	6646	6523	**25827**	6647	7030	7069	7025	**27771**	Services
2671	2756	2817	2844	**11088**	2944	2988	3049	3061	**12042**	Gross rent (imputed & paid)
713	837	968	739	**3257**	724	836	964	805	**3328**	Restaurants & hotels
2755	2925	2862	2939	**11481**	2979	3205	3057	3159	**12401**	Other services
3456	2900	3147	3265	**12768**	3716	3136	3308	3472	**13632**	**Government current expenditure on goods & services**
469	534	599	586	**2188**	532	638	639	604	**2413**	**Government investment: fixed capital**
375	440	518	500	**1834**	450	552	562	520	**2084**	Construction
93	93	81	86	**354**	82	86	77	84	**329**	Machinery & equipment
3964	4462	4571	4072	**17069**	3442	4605	4851	4317	**17216**	**Business investment: fixed capital**
1735	2005	2021	1608	**7368**	1492	2220	2328	2087	**8127**	Residential construction
1011	1234	1131	900	**4276**	700	874	1155	1139	**3869**	New construction
191	414	467	337	**1409**	154	359	435	311	**1259**	Alterations & improvements
532	357	423	371	**1683**	637	987	738	638	**3000**	Transfer costs (commissions)
837	982	1156	1115	**4089**	912	1118	1139	1053	**4223**	Non-residential construction
1393	1476	1394	1349	**5612**	1038	1267	1384	1176	**4866**	Machinery & equipment
19474	**20360**	**20896**	**21044**	**81774**	**19777**	**21555**	**22084**	**22284**	**85700**	**Final domestic demand**
4	4	1	-4	**5**	2	3	0	-8	**-3**	**Government investment: inventories**
856	-505	165	-553	**-37**	315	-349	328	-235	**59**	**Business investment: inventories**
883	-500	133	-548	**-32**	344	-368	289	-223	**42**	Non-farm inventories
-27	-5	32	-5	**-5**	-29	19	39	-12	**17**	Farm inventories
										External trade (1)
1421	1522	1430	1410	**5783**	1270	1444	1392	1384	**5490**	Exports, rest of Canada
4357	4373	4074	4106	**16910**	3803	4140	3813	3632	**15388**	Exports, rest of world
-2515	-2733	-2817	-2901	**-10967**	-2379	-2748	-2879	-2905	**-10911**	Imports, rest of Canada
-3668	-3832	-3569	-3497	**-14566**	-3469	-3750	-3813	-3816	**-14849**	Imports, rest of world
-819	1035	556	1032	**1805**	300	844	426	939	**2509**	**Net service exports plus statistical discrepancy**
19110	**20223**	**20735**	**20638**	**80706**	**19618**	**21139**	**21351**	**21276**	**83383**	**Gross domestic product at market prices**

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Merchandise only. Services are included in Net service exports.

Table 12 Sources & Disposition of Personal Income

Millions of Dollars

	I	II	III	IV	1982	I	II	III	IV	1983
Wages & salaries	5899	6068	5682	5855	**23504**	5779	6079	5986	5894	**23738**
Military pay & allowances	54	59	59	58	**230**	61	65	66	66	**259**
Supplementary labour income	586	603	565	582	**2336**	598	629	619	610	**2455**
Accrued net income of farm operators from farm production (1)	-30	-44	208	2	**136**	-37	-79	240	11	**135**
Net income of non-farm unincorporated business	464	623	688	657	**2432**	638	773	854	752	**3017**
Rent	117	213	266	241	**837**	243	317	368	323	**1252**
Other income	347	410	422	415	**1595**	394	456	486	428	**1765**
Interest, dividends & miscellaneous investment income	1655	1625	1605	1464	**6350**	1414	1380	1451	1500	**5745**
Transfers	1220	1296	1395	1507	**5417**	1667	1572	1513	1565	**6317**
From governments	1185	1261	1360	1472	**5277**	1634	1539	1479	1528	**6180**
To persons	1171	1245	1334	1443	**5193**	1574	1518	1449	1500	**6041**
Capital assistance	14	15	25	29	**84**	60	21	30	28	**139**
From corporations	17	18	18	19	**72**	16	17	17	17	**68**
From non-residents	17	17	17	17	**68**	17	17	17	19	**69**
Personal income	**9848**	**10230**	**10202**	**10125**	**40405**	**10119**	**10420**	**10729**	**10398**	**41666**
Direct taxes	1865	1698	1667	1872	**7101**	2056	1911	1653	1985	**7605**
Federal income tax	949	829	827	954	**3560**	1014	905	745	962	**3626**
Provincial income tax	484	423	422	487	**1816**	581	519	427	551	**2079**
Succession duties & estate taxes	0	0	0	0	**0**	0	0	0	0	**0**
Contributions to social insurance	432	445	418	430	**1725**	462	487	480	472	**1900**
Other transfers to government	102	93	97	96	**388**	113	102	101	102	**419**
Hospital & medical premiums	63	75	75	75	**287**	78	78	79	79	**314**
Licences, permits, etc.	40	18	23	21	**101**	35	24	22	23	**105**
Personal disposable income	**7881**	**8439**	**8438**	**8158**	**32916**	**7949**	**8406**	**8975**	**8311**	**33642**
Expenditure on goods & services	6262	6695	6717	7167	**26840**	6560	7185	7320	7727	**28792**
Interest on consumer debt	233	214	219	197	**864**	178	153	148	146	**625**
Transfers to non-residents	12	12	13	13	**50**	13	13	14	14	**54**
Personal savings	**1374**	**1518**	**1489**	**781**	**5162**	**1198**	**1055**	**1494**	**424**	**4171**
Personal savings rate	**17.4**	**18.0**	**17.6**	**9.6**	**15.7**	**15.1**	**12.6**	**16.6**	**5.1**	**12.4**
Real personal income (2)	**11937**	**12105**	**11803**	**11549**	**47394**	**11409**	**11617**	**11739**	**11341**	**46107**
Real disposable income (2)	**9553**	**9987**	**9762**	**9305**	**38606**	**8963**	**9372**	**9820**	**9065**	**37221**
Real personal savings (2)	**1659**	**1791**	**1717**	**888**	**6055**	**1346**	**1173**	**1629**	**461**	**4609**

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Excludes adjustment for grain transactions.

(2) Deflated by the Personal expenditure deflator.

Sources & Disposition of Personal Income

Millions of Dollars

Table 12

I	II	III	IV	1984	I	II	III	IV	1985	
5716	6179	6174	6291	**24360**	6184	6517	6661	6665	**26026**	Wages & salaries
66	70	70	69	**275**	66	69	69	69	**273**	Military pay & allowances
603	651	651	663	**2568**	664	700	715	716	**2795**	Supplementary labour income
-47	-98	242	44	**141**	-11	-24	61	21	**48**	Accrued net income of farm operators from farm production (1)
724	843	914	822	**3302**	788	938	1056	926	**3708**	**Net income of non-farm unincorporated business**
295	367	396	358	**1416**	343	415	441	407	**1605**	Rent
429	476	517	464	**1886**	445	523	615	519	**2103**	Other income
1425	1530	1668	1744	**6367**	1592	1624	1649	1671	**6536**	Interest, dividends & miscellaneous investment income
1693	1652	1634	1698	**6678**	1774	1791	1751	1786	**7101**	**Transfers**
1660	1617	1600	1663	**6540**	1739	1756	1715	1751	**6962**	From governments
1644	1610	1591	1649	**6494**	1733	1750	1711	1748	**6942**	To persons
15	8	9	14	**46**	7	5	5	3	**20**	Capital assistance
16	16	16	17	**66**	15	15	16	15	**61**	From corporations
18	18	18	19	**72**	19	20	20	19	**78**	From non-residents
10180	**10827**	**11351**	**11332**	**43691**	**11057**	**11614**	**11963**	**11854**	**46487**	**Personal income**
1885	1662	1930	2141	**7618**	2000	1857	2114	2206	**8176**	**Direct taxes**
931	758	909	1040	**3638**	979	865	1025	1088	**3957**	Federal income tax
481	392	507	580	**1960**	503	445	527	559	**2035**	Provincial income tax
0	0	0	0	**0**	0	0	0	0	**0**	Succession duties & estate taxes
474	512	513	521	**2020**	517	547	561	559	**2184**	Contributions to social insurance
115	105	103	107	**429**	115	117	110	109	**451**	**Other transfers to government**
77	80	80	80	**317**	77	92	85	83	**337**	Hospital & medical premiums
38	25	22	27	**112**	37	25	25	27	**114**	Licences, permits, etc.
8180	**9060**	**9319**	**9085**	**35644**	**8943**	**9640**	**9739**	**9539**	**37860**	**Personal disposable income**
7176	7740	7748	8226	**30890**	7596	8307	8436	8991	**33330**	Expenditure on goods & services
130	132	150	159	**571**	151	147	147	134	**579**	Interest on consumer debt
14	14	14	16	**57**	16	16	16	16	**63**	Transfers to non-residents
861	**1174**	**1407**	**684**	4126	**1179**	**1170**	**1140**	**398**	**3888**	**Personal savings**
10.5	13.0	15.1	7.5	11.5	13.2	12.1	11.7	**4.2**	10.3	**Personal savings rate**
10959	**11613**	**12006**	**11971**	**46550**	**11554**	**12042**	**12321**	**12193**	**48111**	**Real personal income (2)**
8806	**9718**	**9857**	**9597**	**37978**	**9345**	**9996**	**10031**	**9812**	**39183**	**Real disposable income (2)**
924	**1255**	**1483**	**720**	**4383**	**1228**	**1210**	**1171**	**408**	**4017**	**Real personal savings (2)**

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Excludes adjustment for grain transaction.

(2) Deflated by the Personal expenditure deflator.

Table 12

Sources & Disposition of Personal Income

Millions of Dollars

	I	II	III	IV	1986	I	II	III	IV	1987
Wages & salaries	6547	6938	6907	6896	27289	7049	7447	7554	7661	29712
Military pay & allowances	69	69	75	73	286	75	78	77	77	307
Supplementary labour income	670	710	707	706	2793	674	712	722	732	2840
Accrued net income of farm operators from farm production (1)	-15	-30	131	40	126	-28	-39	177	67	177
Net income of non-farm unincorporated business	874	1014	1131	957	3976	931	1043	1180	1031	4185
Rent	383	454	474	419	1730	396	445	466	429	1736
Other income	491	560	656	538	2246	535	598	714	602	2449
Interest, dividends & miscellaneous investment income	1693	1716	1688	1753	6850	1704	1771	1807	1918	7200
Transfers	1805	1838	1934	1934	7511	1980	1984	2120	2069	8153
From governments	1766	1799	1895	1895	7355	1938	1941	2078	2027	7984
To persons	1765	1798	1894	1894	7351	1937	1941	2077	2026	7981
Capital assistance	1	1	1	1	4	1	1	1	1	3
From corporations	17	17	17	17	68	19	19	19	19	75
From non-residents	22	22	22	22	88	23	23	23	24	94
Personal income	11643	12256	12573	12359	48831	12385	12995	13639	13555	52574
Direct taxes	2198	2233	2298	2295	9023	2391	2472	2602	2674	10140
Federal income tax	1094	1080	1152	1182	4507	1195	1213	1290	1375	5073
Provincial income tax	547	540	576	591	2254	616	625	720	768	2729
Succession duties & estate taxes	0	0	0	0	0	0	0	0	0	0
Contributions to social insurance	557	613	570	522	2262	580	634	593	531	2338
Other transfers to government	116	109	124	119	468	137	133	135	134	538
Hospital & medical premiums	83	87	96	91	358	92	101	102	101	396
Licences, permits, etc.	33	22	27	28	110	44	32	33	33	142
Personal disposable income	9329	9914	10152	9945	39340	9857	10390	10902	10747	41896
Expenditure on goods & services	8346	9203	9356	9581	36486	8794	971[illegible]	9833	10455	38795
Interest on consumer debt	136	140	137	140	553	149	139	152	172	612
Transfers to non-residents	17	17	18	17	69	18	18	18	18	72
Personal savings	830	554	641	206	2232	897	519	899	102	2417
Personal savings rate	8.9	5.6	6.3	2.1	5.7	9.1	5.0	8.2	1.0	5.8
Real personal income (2)	11816	12295	12478	12242	48831	12146	12669	13159	12995	50969
Real disposable income (2)	9468	9946	10075	9851	39340	9667	10130	10518	10303	40618
Real personal savings (2)	840	554	634	204	2232	876	505	864	98	2343

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Excludes adjustment for grain transactions.

(2) Deflated by the Personal expenditure deflator.

Sources & Disposition of Personal Income

Millions of Dollars

Table 12

I	II	III	IV	1988	I	II	III	IV	1989	
7646	8177	8326	8491	32640	8528	9139	9347	9608	36623	Wages & salaries
78	80	80	80	318	79	87	85	84	335	Military pay & allowances
741	805	826	843	3214	807	873	893	918	3490	Supplementary labour income
-19	-31	172	74	195	-32	-69	157	74	129	Accrued net income of farm operators from farm production (1)
995	1144	1235	1144	4518	1060	1220	1340	1194	4815	Net income of non-farm unincorporated business
400	459	482	436	1777	402	468	497	452	1818	Rent
595	685	753	708	2741	659	752	844	742	2997	Other income
1756	1941	2133	2261	8092	2340	2438	2495	2692	9965	Interest, dividends & miscellaneous investment income
2125	2108	2226	2219	8678	2257	2252	2370	2355	9233	Transfers
2081	2064	2182	2175	8502	2208	2206	2325	2308	9047	From governments
2079	2063	2181	2174	8497	2206	2204	2323	2305	9037	To persons
1	1	1	1	5	3	2	2	3	10	Capital assistance
19	19	20	20	78	25	21	20	22	87	From corporations
25	24	24	24	98	24	25	25	25	99	From non-residents
13322	14224	14998	15111	57655	15038	15939	16687	16924	64589	Personal income
2889	2829	2845	2806	11370	2869	3202	3119	3329	12519	Direct taxes
1440	1354	1394	1393	5581	1440	1610	1594	1766	6410	Federal income tax
798	751	773	773	3095	744	832	824	913	3312	Provincial income tax
0	0	0	0	0	0	0	0	0	0	Succession duties & estate taxes
652	724	678	640	2694	686	760	701	651	2797	Contributions to social insurance
142	173	183	192	690	197	200	205	212	814	Other transfers to government
103	138	146	152	540	145	158	160	166	629	Hospital & medical premiums
38	35	36	40	150	52	42	46	45	185	Licences, permits, etc.
10291	11221	11970	12113	45595	11972	12537	13363	13383	51256	Personal disposable income
9649	10397	10626	11376	42047	10339	11484	11703	12545	46071	Expenditure on goods & services
156	154	176	194	680	205	219	244	233	901	Interest on consumer debt
19	19	21	20	79	22	23	23	22	91	Transfers to non-residents
467	652	1147	524	2789	1405	812	1393	583	4193	Personal savings
4.5	5.8	9.6	4.3	6.1	11.7	6.5	10.4	4.4	8.3	Personal savings rate
12656	13401	13970	13992	54019	13807	14420	14865	14987	58079	Real personal income (2)
9776	10572	11150	11216	42714	10992	11343	11904	11851	46090	Real disposable income (2)
442	612	1065	483	2602	1286	732	1237	515	3769	Real personal savings (2)

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Excludes adjustment for grain transaction.

(2) Deflated by the Personal expenditure deflator.

Table 12 Sources & Disposition of Personal Income

Millions of Dollars

	I	II	III	IV	1990	I	II	III	IV	1991
Wages & salaries	9399	9957	10028	10137	39522	9938	10576	10524	10663	41701
Military pay & allowances	83	83	95	88	349	90	89	89	88	356
Supplementary labour income	909	963	970	981	3823	975	1037	1083	1098	4193
Accrued net income of farm operators from farm production (1)	-44	-83	228	88	189	-46	-74	251	113	244
Net income of non-farm unincorporated business	1154	1300	1408	1235	5097	1157	1381	1437	1346	5320
Rent	419	487	511	460	1877	435	498	529	478	1940
Other income	735	814	896	775	3220	722	882	908	868	3380
Interest, dividends & miscellaneous investment income	2657	2799	2833	2860	11150	2735	2714	2613	2573	10636
Transfers	2448	2405	2595	2571	10019	2799	2798	2924	2900	11421
From governments	2394	2357	2547	2521	9820	2742	2747	2872	2846	11208
To persons	2389	2354	2543	2517	9803	2712	2731	2859	2832	11134
Capital assistance	5	4	4	5	17	30	16	13	15	74
From corporations	27	21	21	23	92	28	22	23	25	97
From non-residents	27	27	27	27	107	29	29	29	29	116
Personal income	16605	17426	18157	17960	70149	17647	18521	18922	18780	73870
Direct taxes	3350	3985	3564	3598	14497	3712	3980	3742	3849	15283
Federal income tax	1651	2036	1806	1865	7358	1834	1966	1860	1981	7641
Provincial income tax	860	1060	941	971	3832	955	1024	969	1032	3979
Succession duties & estate taxes	0	0	0	0	0	0	0	0	0	0
Contributions to social insurance	839	889	817	763	3307	922	990	914	837	3663
Other transfers to government	202	215	202	213	833	219	216	238	235	908
Hospital & medical premiums	157	171	159	166	654	164	169	192	186	711
Licences, permits, etc.	45	45	43	47	179	55	48	45	49	197
Personal disposable income	13054	13225	14391	14149	54819	13716	14325	14942	14696	57679
Expenditure on goods & services	11585	12464	12579	13120	49749	12086	13177	13285	13891	52439
Interest on consumer debt	255	262	277	272	1066	271	235	224	214	944
Transfers to non-residents	24	23	25	23	95	25	25	25	25	100
Personal savings	1188	477	1510	733	3909	1333	889	1409	566	4196
Personal savings rate	9.1	3.6	10.5	5.2	7.1	9.7	6.2	9.4	3.8	7.3
Real personal income (2)	14484	14978	15424	15184	60069	14445	15072	15325	15242	60084
Real disposable income (2)	11386	11368	12225	11962	46940	11227	11658	12102	11927	46914
Real personal savings (2)	1033	408	1279	618	3338	1087	721	1137	458	3403

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Excludes adjustment for grain transactions.

(2) Deflated by the Personal expenditure deflator.

Table 13

Gross Domestic Product – Goods

Millions of Dollars

	I	II	III	IV	1982	I	II	III	IV	1983
Business sector	2840	2940	2962	2846	11587	2916	3259	3609	3216	13000
Agriculture	52	53	265	88	458	44	23	280	98	446
Fishing & trapping	27	28	67	18	140	23	23	62	16	124
Forestry & logging	167	197	192	172	729	236	260	296	295	1087
Mining	317	273	249	309	1147	316	298	287	352	1253
Metals	63	59	55	59	237	92	91	82	68	333
Industrial minerals	15	16	11	13	55	12	15	14	14	55
Petroleum & natural gas	141	94	86	149	472	145	106	113	163	527
Coal	73	89	71	60	293	52	74	63	92	282
Services related to mining	24	14	25	27	90	15	12	15	15	57
Manufacturing	1217	1246	1138	1120	4720	1250	1467	1414	1401	5532
Non-durables	569	603	572	552	2295	578	683	652	662	2575
Food & beverages	155	193	199	183	731	171	219	198	203	792
Paper & allied	228	216	198	192	833	205	237	239	250	932
Petroleum & coal products	42	42	43	46	174	54	59	59	48	221
Chemicals	35	44	31	30	141	40	49	42	42	172
Other non-durables	108	108	100	101	417	108	119	114	118	458
Durables	648	643	566	568	2425	672	784	762	739	2957
Wood	232	254	223	234	943	351	423	405	377	1556
Furniture & fixtures	13	13	11	11	49	11	11	12	12	46
Primary metal products	102	80	67	75	323	67	82	79	98	326
Metal fabricated products	89	82	76	76	323	77	82	85	80	324
Machinery & equipment	51	41	40	35	167	35	40	39	34	148
Transportation equipment	73	69	59	50	251	48	45	46	51	191
Electrical & electronic equipment	25	28	24	24	101	24	25	25	26	101
Non-metallic mineral products	44	55	48	47	194	43	57	53	43	195
Miscellaneous manufacturing	20	21	17	18	75	17	18	17	17	70
Construction	813	907	808	904	3432	803	962	1023	799	3587
Residential	221	259	233	188	902	115	212	245	188	760
Non-residential	592	648	575	716	2531	688	750	778	611	2827
Utilities	246	237	243	235	960	244	227	247	254	972
Non-business sector	32	35	35	32	134	33	34	38	39	144
Forestry services	17	20	20	18	75	18	20	23	23	85
Manufacturing	0	0	0	0	0	0	0	0	0	0
Utilities (water systems)	15	15	15	15	60	15	14	15	16	59
Total goods	2872	2975	2997	2878	11722	2949	3293	3647	3255	13144
Total services	6956	7150	7284	7608	28998	7268	7340	7492	7512	29612
Gross domestic product at factor cost	9828	10125	10281	10486	40720	10217	10633	11139	10767	42756

Quarterly numbers may not sum to annual numbers due to rounding.

Table 13

Gross Domestic Product – Goods

Millions of Dollars

	I	II	III	IV	1984	I	II	III	IV	1985
Business sector	3014	3266	3834	3520	13634	3455	3744	4087	3937	15223
Agriculture	39	17	289	127	472	89	93	211	150	542
Fishing & trapping	20	23	78	17	138	31	41	144	21	236
Forestry & logging	225	270	292	265	1053	254	272	270	298	1094
Mining	406	392	378	444	1620	464	389	376	464	1693
Metals (1)	na	na	na	na	na	67	69	74	84	294
Industrial minerals (1)	na	na	na	na	na	15	18	18	17	68
Petroleum & natural gas	160	119	107	167	552	198	125	118	192	634
Coal	134	158	156	163	612	153	156	140	140	589
Services related to mining	22	15	20	22	79	30	21	26	30	107
Manufacturing	1401	1509	1563	1528	6001	1486	1685	1683	1657	6511
Non-durables	639	698	784	744	2865	683	769	765	774	2992
Food & beverages	238	202	215	197	852	189	243	253	237	922
Paper & allied	196	281	352	335	1164	271	277	272	289	1108
Petroleum & coal products (1)	na	na	na	na	na	47	46	46	51	189
Chemicals (1)	na	na	na	na	na	50	65	56	51	221
Other non-durables	118	117	125	127	486	127	138	139	147	552
Durables	762	811	779	784	3136	803	916	918	883	3519
Wood	372	372	344	349	1437	398	463	464	430	1755
Furniture & fixtures	10	11	10	11	42	11	12	14	15	51
Primary metal products	94	106	108	106	414	87	86	90	98	361
Metal fabricated products	82	91	84	76	333	81	100	100	97	378
Machinery & equipment	42	48	50	51	191	48	55	58	58	219
Transportation equipment	67	72	78	88	305	88	86	75	82	331
Electrical & electronic equipment	32	36	31	36	135	29	35	35	34	133
Non-metallic mineral products	42	55	53	45	195	41	55	59	46	202
Miscellaneous manufacturing	21	21	20	21	84	20	24	22	23	89
Construction	633	756	914	809	3112	694	867	1005	869	3435
Residential	119	191	217	165	692	111	191	223	189	714
Non-residential	514	566	696	643	2420	582	677	782	679	2720
Utilities	288	298	321	331	1238	437	399	398	479	1712
Non-business sector	31	35	37	36	139	33	33	33	38	136
Forestry services	17	20	22	20	79	17	18	18	20	74
Manufacturing	0	0	0	0	0	0	0	0	0	0
Utilities (water systems)	14	14	16	16	60	16	14	14	17	62
Total goods	3045	3300	3872	3556	13773	3488	3777	4120	3974	15359
Total services	7496	8005	8005	8143	31649	8010	8222	8381	8622	33236
Gross domestic product at factor cost	10541	11305	11877	11699	45422	11498	12000	12501	12596	48595

Quarterly numbers may not sum to annual numbers due to rounding.

(1) na = secure data.

Gross Domestic Product – Goods

Millions of Dollars

Table 13

I	II	III	IV	1986	I	II	III	IV	1987	
3633	3939	4129	3766	15467	4054	4278	4907	4765	18005	**Business sector**
82	89	260	153	584	72	72	260	156	560	Agriculture
39	48	161	23	271	42	52	188	26	307	Fishing & trapping
273	299	245	231	1048	355	371	388	372	1487	Forestry & logging
391	313	291	375	1370	393	373	387	508	1661	Mining
93	95	102	100	390	115	131	138	196	581	Metals (1)
15	18	18	19	70	17	22	24	21	84	Industrial minerals (1)
116	67	64	107	355	132	95	93	135	455	Petroleum & natural gas
126	123	94	133	475	106	113	107	128	453	Coal
41	9	13	17	80	23	12	25	29	89	Services related to mining
1746	2009	1811	1759	7326	2052	2149	2227	2267	8695	Manufacturing
777	880	889	861	3408	956	1011	1049	1054	4070	Non-durables
192	240	247	231	910	207	230	253	240	930	Food & beverages
340	378	396	396	1510	523	527	549	572	2172	Paper & allied
na	na	na	na	na	15	17	18	19	69	Petroleum & coal products (1)
na	na	na	na	na	55	68	60	56	239	Chemicals (1)
143	159	154	149	606	156	169	168	167	660	Other non-durables
969	1129	922	898	3918	1096	1137	1178	1213	4625	Durables
528	633	471	428	2060	627	657	666	665	2615	Wood
16	17	17	16	67	15	15	17	20	67	Furniture & fixtures
103	123	90	110	426	106	69	86	139	400	Primary metal products
84	93	96	93	367	94	114	121	112	441	Metal fabricated products
57	58	55	56	225	67	68	67	74	275	Machinery & equipment
80	89	79	85	333	83	92	83	76	334	Transportation equipment
39	40	34	37	151	42	43	47	49	181	Electrical & electronic equipment
43	53	59	50	205	42	56	69	58	225	Non-metallic mineral products
20	22	20	21	83	21	23	22	22	87	Miscellaneous manufacturing
725	797	984	836	3343	717	890	1090	1023	3720	Construction
163	255	289	253	959	180	302	387	325	1194	Residential
563	542	695	584	2383	537	588	703	698	2526	Non-residential
378	384	375	388	1526	423	371	368	412	1574	Utilities
36	38	34	33	140	37	36	37	38	147	**Non-business sector**
20	22	18	17	75	19	19	20	20	78	Forestry services
0	0	0	0	1	0	0	0	0	1	Manufacturing
16	16	16	16	64	18	16	16	18	68	Utilities (water systems)
3669	3977	4163	3799	15608	4092	4314	4944	4803	18152	**Total goods**
8549	8967	9002	9182	35701	9213	9626	9536	9745	38120	**Total services**
12218	12944	13165	12981	51308	13304	13940	14480	14548	56272	**Gross domestic product at factor cost**

Quarterly numbers may not sum to annual numbers due to rounding.

(1) na = secure data.

Table 13 Gross Domestic Product – Goods

Millions of Dollars

	I	II	III	IV	1988	I	II	III	IV	1989
Business sector	**4459**	**4931**	**5412**	**5248**	**20050**	**4800**	**5328**	**5675**	**5375**	**21178**
Agriculture	63	76	253	164	**555**	70	69	254	176	**568**
Fishing & trapping	36	49	179	22	**286**	56	63	191	29	**339**
Forestry & logging	350	388	429	434	**1600**	351	375	394	380	**1500**
Mining	540	460	441	538	**1980**	534	497	426	505	**1963**
Metals	197	175	166	219	**757**	195	199	124	162	**680**
Industrial minerals	17	22	22	22	**82**	22	27	30	26	**105**
Petroleum & natural gas	148	103	89	127	**466**	126	110	110	146	**492**
Coal	132	133	125	140	**530**	136	127	128	131	**522**
Services related to mining	46	29	38	30	**144**	56	34	34	41	**164**
Manufacturing	2307	2499	2445	2420	**9670**	2377	2616	2540	2416	**9949**
Non-durables	1075	1183	1186	1166	**4611**	1130	1210	1208	1154	**4702**
Food & beverages	207	251	257	248	**963**	217	252	279	245	**993**
Paper & allied	603	647	649	642	**2541**	640	654	640	628	**2562**
Petroleum & coal products	15	15	16	14	**60**	14	15	16	16	**61**
Chemicals	66	75	69	68	**278**	65	79	71	66	**282**
Other non-durables	185	196	195	194	**770**	194	209	202	199	**805**
Durables	1231	1315	1259	1254	**5059**	1247	1407	1331	1262	**5247**
Wood	689	708	649	633	**2679**	636	724	707	648	**2715**
Furniture & fixtures	16	18	18	19	**71**	19	23	23	21	**87**
Primary metal products	119	146	134	153	**552**	142	150	128	124	**543**
Metal fabricated products	107	117	128	119	**470**	120	142	140	132	**535**
Machinery & equipment	84	91	91	95	**361**	102	102	97	102	**404**
Transportation equipment	91	97	87	90	**365**	90	104	85	79	**358**
Electrical & electronic equipment	45	47	54	53	**198**	50	54	49	58	**211**
Non-metallic mineral products	55	64	72	66	**256**	60	78	77	71	**286**
Miscellaneous manufacturing	26	27	26	26	**105**	27	29	25	26	**107**
Construction	813	1042	1250	1183	**4288**	1025	1279	1497	1394	**5196**
Residential	220	347	426	371	**1364**	296	441	529	492	**1758**
Non-residential	593	695	823	812	**2924**	729	838	969	903	**3438**
Utilities	350	418	416	487	**1671**	388	428	373	476	**1665**
Non-business sector	**37**	**43**	**45**	**49**	**174**	**44**	**48**	**47**	**50**	**189**
Forestry services	22	24	27	27	**99**	26	27	29	28	**109**
Manufacturing	0	0	0	0	**1**	0	0	0	0	**1**
Utilities (water systems)	15	18	18	21	**74**	18	20	18	22	**78**
Total goods	**4497**	**4974**	**5457**	**5297**	**20224**	**4844**	**5376**	**5722**	**5425**	**21367**
Total services	**9827**	**10559**	**10625**	**11005**	**42016**	**11321**	**11774**	**11891**	**12570**	**47556**
Gross domestic product at factor cost	**14324**	**15532**	**16082**	**16302**	**62240**	**16165**	**17150**	**17613**	**17995**	**68923**

Quarterly numbers may not sum to annual numbers due to rounding.

Gross Domestic Product – Goods

Millions of Dollars

Table 13

I	II	III	IV	1990	I	II	III	IV	1991	
4925	5329	5705	5179	21138	4541	5214	5537	5024	20316	**Business sector**
54	53	295	176	579	62	70	329	204	665	Agriculture
73	62	213	32	379	70	62	198	30	360	Fishing & trapping
315	342	356	343	1355	287	354	342	301	1285	Forestry & logging
524	484	479	557	2043	527	475	443	480	1926	Mining
142	155	154	151	602	147	143	134	130	554	Metals
25	31	32	29	117	22	28	29	28	107	Industrial minerals
167	127	129	201	624	163	142	124	162	592	Petroleum & natural gas
129	142	123	132	527	126	135	121	129	511	Coal
60	29	40	44	173	69	28	35	32	163	Services related to mining
2356	2432	2270	2118	9175	2000	2249	2134	2017	8401	Manufacturing
1105	1126	1116	1068	4415	1023	1072	1009	980	4084	Non-durables
217	259	263	244	983	217	271	279	261	1027	Food & beverages
603	573	566	556	2298	539	505	448	449	1942	Paper & allied
15	16	18	20	69	20	18	18	18	74	Petroleum & coal products
70	79	75	65	288	67	81	73	64	286	Chemicals
200	199	194	184	777	180	197	190	188	756	Other non-durables
1251	1306	1154	1049	4760	977	1177	1126	1037	4316	Durables
665	679	581	518	2443	495	626	588	536	2245	Wood
20	21	23	21	86	17	24	23	24	87	Furniture & fixtures
101	103	100	107	411	98	95	82	78	354	Primary metal products
125	136	123	104	489	96	119	133	116	465	Metal fabricated products
101	105	88	93	387	76	78	76	76	307	Machinery & equipment
94	90	71	63	319	68	80	66	58	271	Transportation equipment
47	53	51	46	197	40	46	44	41	172	Electrical & electronic equipment
73	92	91	72	328	62	81	86	78	308	Non-metallic mineral products
25	25	25	24	100	22	28	27	30	108	Miscellaneous manufacturing
1221	1517	1664	1496	5897	1179	1513	1665	1532	5890	Construction
431	590	572	443	2036	316	456	587	536	1894	Residential
790	927	1091	1053	3861	863	1058	1078	997	3996	Non-residential
383	440	429	458	1710	416	491	425	458	1790	Utilities
45	50	50	51	196	44	53	49	47	194	**Non-business sector**
25	28	29	28	109	23	29	28	24	104	Forestry services
0	0	0	0	1	0	0	0	0	1	Manufacturing
19	22	21	23	85	21	24	21	23	89	Utilities (water systems)
4970	5379	5755	5229	21334	4585	5268	5586	5071	20510	**Total goods**
12257	12751	12884	13483	51375	12788	13468	13303	13806	53366	**Total services**
17228	18130	18639	18712	72709	17373	18736	18890	18877	73876	**Gross domestic product at factor cost**

Quarterly numbers may not sum to annual numbers due to rounding.

Table 14

Gross Domestic Product – Services

Millions of Dollars

	I	II	III	IV	1982	I	II	III	IV	1983
Business sector	**5103**	**5259**	**5561**	**5647**	**21571**	**5311**	**5398**	**5717**	**5551**	**21977**
Transportation & storage	607	627	660	625	**2520**	603	639	699	635	**2576**
Communications	377	382	381	380	**1519**	376	387	409	402	**1573**
Wholesale trade	508	503	507	540	**2057**	471	463	518	529	**1981**
Retail trade	915	858	859	885	**3518**	891	824	902	916	**3533**
Finance, insurance & real estate	1395	1520	1758	1862	**6536**	1756	1835	1879	1778	**7248**
Government royalties	86	69	95	80	**329**	106	87	90	83	**365**
Owner-occupied dwellings	699	797	880	877	**3254**	841	900	973	935	**3649**
Other	611	655	783	905	**2954**	810	848	817	760	**3234**
Services to business	473	461	471	455	**1860**	382	360	368	401	**1510**
Education	19	18	11	19	**67**	20	20	13	20	**73**
Health services	203	240	223	260	**926**	259	271	264	270	**1064**
Accommodation & food	293	345	378	322	**1339**	303	365	424	337	**1429**
Other services	312	304	311	300	**1229**	250	235	241	263	**988**
Non-business sector	**1852**	**1891**	**1723**	**1960**	**7427**	**1957**	**1942**	**1775**	**1961**	**7635**
Transportation & storage	74	76	80	76	**305**	68	71	78	71	**288**
Education	607	585	365	604	**2161**	606	597	388	614	**2205**
Hospitals	272	290	302	304	**1168**	319	312	319	307	**1257**
Other health services	92	99	100	101	**391**	114	113	113	109	**448**
Other services	125	122	125	120	**491**	110	103	106	115	**434**
Public administration & defence	683	720	752	756	**2910**	741	745	771	745	**3003**
Federal & other	286	307	319	317	**1229**	319	322	332	327	**1300**
Provincial	234	243	250	261	**988**	249	252	262	244	**1007**
Local	163	170	183	177	**694**	173	171	178	174	**696**
Total services	**6956**	**7150**	**7284**	**7608**	**28998**	**7268**	**7340**	**7492**	**7512**	**29612**
Total goods	**2872**	**2975**	**2997**	**2878**	**11722**	**2949**	**3293**	**3647**	**3255**	**13144**
Gross domestic product at factor cost	**9828**	**10125**	**10281**	**10486**	**40720**	**10217**	**10633**	**11139**	**10767**	**42756**

Quarterly numbers may not sum to annual numbers due to rounding.

Gross Domestic Product – Services

Table 14

Millions of Dollars

I	II	III	IV	1984	I	II	III	IV	1985	
5508	**5929**	**6139**	**6040**	**23617**	**5981**	**6180**	**6534**	**6536**	**25231**	**Business sector**
625	697	730	713	**2764**	741	770	832	811	**3153**	Transportation & storage
391	424	431	444	**1689**	409	413	430	441	**1693**	Communications
513	588	607	603	**2312**	603	596	641	640	**2480**	Wholesale trade
897	908	956	975	**3737**	880	833	864	910	**3486**	Retail trade
1809	1919	1959	1871	**7559**	1976	2113	2165	2171	**8425**	Finance, insurance & real estate
136	92	102	85	**414**	147	88	101	106	**442**	Government royalties
874	954	989	964	**3781**	1006	1066	1099	1080	**4252**	Owner-occupied dwellings
799	874	869	823	**3364**	823	958	965	986	**3731**	Other
389	432	436	483	**1741**	446	442	494	536	**1918**	Services to business
22	22	13	21	**77**	23	23	14	23	**82**	Education
305	293	271	284	**1153**	294	315	294	302	**1205**	Health services
305	368	454	333	**1459**	316	384	472	346	**1518**	Accommodation & food
252	279	282	313	**1126**	295	292	327	355	**1269**	Other services
1988	**2076**	**1866**	**2103**	**8032**	**2029**	**2042**	**1848**	**2086**	**8004**	**Non-business sector**
72	80	84	82	**317**	81	84	91	89	**345**	Transportation & storage
643	644	390	623	**2299**	635	626	394	631	**2287**	Education
311	335	349	354	**1349**	325	332	333	339	**1329**	Hospitals
116	122	127	129	**494**	117	120	120	122	**479**	Other health services
100	111	112	125	**448**	108	107	120	130	**465**	Other services
746	784	804	790	**3124**	763	773	790	774	**3100**	Public administration & defence
331	350	359	351	**1390**	354	360	367	360	**1441**	Federal & other
245	254	261	253	**1012**	223	222	228	221	**894**	Provincial
170	181	184	187	**722**	186	191	196	193	**765**	Local
7496	**8005**	**8005**	**8143**	**31649**	**8010**	**8222**	**8381**	**8622**	**33236**	**Total services**
3045	**3300**	**3872**	**3556**	**13773**	**3488**	**3777**	**4120**	**3974**	**15359**	**Total goods**
10541	**11305**	**11877**	**11699**	**45422**	**11498**	**12000**	**12501**	**12596**	**48595**	**Gross domestic product at factor cost**

Quarterly numbers may not sum to annual numbers due to rounding.

Table 14

Gross Domestic Product – Services

Millions of Dollars

	I	II	III	IV	1986	I	II	III	IV	1987
Business sector	6496	6867	7097	7022	27482	7083	7424	7567	7495	29570
Transportation & storage	790	844	869	830	3333	848	881	904	867	3500
Communications	446	461	457	461	1825	489	512	516	512	2030
Wholesale trade	605	687	667	664	2623	642	688	719	719	2769
Retail trade	866	862	926	955	3609	938	934	972	1029	3874
Finance, insurance & real estate	2229	2320	2354	2370	9273	2448	2632	2613	2541	10235
Government royalties	156	90	101	89	436	141	169	169	178	658
Owner-occupied dwellings	1053	1116	1137	1115	4421	1120	1177	1198	1196	4692
Other	1021	1114	1116	1165	4416	1187	1286	1246	1167	4886
Services to business	552	543	563	627	2285	618	587	587	645	2438
Education	24	24	16	26	90	25	25	16	26	91
Health services	303	318	305	312	1237	332	340	321	328	1321
Accommodation & food	325	457	578	374	1735	368	469	564	437	1838
Other services	356	350	363	404	1473	374	355	355	390	1474
Non-business sector	2053	2100	1905	2160	8218	2130	2202	1969	2250	8550
Transportation & storage	77	83	85	81	327	70	73	75	72	290
Education	632	637	412	674	2355	677	677	438	714	2507
Hospitals	342	349	346	350	1387	334	375	376	385	1469
Other health services	118	121	120	120	480	120	134	135	139	527
Other services	117	115	119	132	483	125	119	119	131	493
Public administration & defence	766	796	823	801	3187	803	824	826	809	3263
Federal & other	356	381	405	385	1528	386	396	396	389	1568
Provincial	210	213	218	221	862	217	219	218	213	867
Local	200	202	200	195	798	200	209	212	207	828
Total services	8549	8967	9002	9182	35700	9213	9626	9536	9745	38120
Total goods	3669	3977	4163	3799	15608	4092	4314	4944	4803	18152
Gross domestic product at factor cost	12218	12944	13165	12981	51308	13304	13940	14480	14548	56272

Quarterly numbers may not sum to annual numbers due to rounding.

Gross Domestic Product – Services

Millions of Dollars

Table 14

I	II	III	IV	1988	I	II	III	IV	1989	
7556	**8219**	**8524**	**8586**	**32885**	**8798**	**9175**	**9582**	**9844**	**37399**	**Business sector**
863	931	974	910	3678	974	1018	1121	1071	4185	Transportation & storage
507	550	544	561	2162	558	586	592	589	2325	Communications
718	828	869	851	3267	797	869	904	901	3471	Wholesale trade
1018	1054	1134	1201	4407	1190	1177	1252	1348	4967	Retail trade
2592	2788	2836	2817	11034	3000	3086	3171	3308	12565	Finance, insurance & real estate
150	196	185	177	708	236	174	149	232	791	Government royalties
1203	1270	1311	1297	5081	1350	1427	1480	1489	5745	Owner-occupied dwellings
1239	1322	1340	1343	5245	1414	1486	1542	1586	6029	Other
712	773	837	913	3235	933	958	1000	1119	4010	Services to business
27	27	17	29	99	33	33	20	34	120	Education
338	379	281	408	1407	391	412	359	387	1550	Health services
413	491	600	427	1931	434	535	641	501	2111	Accommodation & food
367	398	431	470	1667	488	500	522	585	2095	Other services
2271	**2340**	**2101**	**2419**	**9131**	**2524**	**2599**	**2308**	**2726**	**10157**	**Non-business sector**
68	73	77	72	290	57	60	66	63	246	Transportation & storage
748	753	477	801	2779	909	912	567	952	3340	Education
386	402	405	403	1596	409	411	439	459	1719	Hospitals
139	142	142	143	566	148	149	158	165	619	Other health services
116	126	136	149	527	137	141	147	165	590	Other services
815	843	863	852	3373	863	927	931	922	3642	Public administration & defence
393	407	413	405	1617	410	464	445	434	1754	Federal & other
218	223	226	224	892	231	232	242	246	950	Provincial
203	213	225	222	864	223	231	243	242	939	Local
9827	**10559**	**10625**	**11005**	**42016**	**11321**	**11774**	**11891**	**12570**	**47556**	**Total services**
4497	**4974**	**5457**	**5297**	**20224**	**4844**	**5376**	**5722**	**5425**	**21367**	**Total goods**
14324	**15532**	**16082**	**16302**	**62240**	**16165**	**17150**	**17613**	**17995**	**68923**	**Gross domestic product at factor cost**

Quarterly numbers may not sum to annual numbers due to rounding.

Table 14 Gross Domestic Product – Services

Millions of Dollars

	I	II	III	IV	1990	I	II	III	IV	1991
Business sector	**9546**	**9910**	**10335**	**10523**	**40314**	**9799**	**10438**	**10624**	**10622**	**41483**
Transportation & storage	1008	1126	1182	1178	**4495**	1038	1233	1315	1156	**4742**
Communications	561	613	635	613	**2421**	571	620	598	616	**2406**
Wholesale trade	794	827	879	961	**3461**	796	821	835	810	**3261**
Retail trade	1272	1270	1332	1526	**5399**	1283	1232	1328	1421	**5265**
Finance, insurance & real estate	3338	3330	3380	3380	**13427**	3357	3543	3554	3589	**14043**
Government royalties	230	159	137	213	**739**	211	153	132	236	**732**
Owner-occupied dwellings	1532	1605	1666	1637	**6439**	1682	1712	1773	1754	**6921**
Other	1576	1566	1577	1529	**6249**	1464	1678	1649	1599	**6390**
Services to business	1053	1090	1168	1221	**4532**	1185	1178	1218	1236	**4819**
Education	35	36	22	37	**131**	39	39	24	42	**144**
Health services	423	442	410	449	**1724**	422	584	435	580	**2022**
Accommodation & food	512	607	717	521	**2357**	488	572	679	526	**2265**
Other services	550	569	610	638	**2367**	619	616	636	646	**2517**
Non-business sector	**2711**	**2842**	**2549**	**2959**	**11061**	**2989**	**3030**	**2679**	**3184**	**11882**
Transportation & storage	59	66	69	69	**264**	61	72	77	68	**279**
Education	983	1009	626	1038	**3657**	1076	1086	672	1172	**4006**
Hospitals	424	447	477	485	**1833**	477	484	518	514	**1992**
Other health services	154	162	169	173	**658**	170	175	184	182	**711**
Other services	155	160	172	179	**665**	174	173	179	181	**707**
Public administration & defence	936	997	1036	1015	**3984**	1031	1039	1050	1067	**4188**
Federal & other	437	485	491	471	**1885**	479	489	473	494	**1935**
Provincial	258	265	280	282	**1085**	285	282	295	293	**1155**
Local	241	247	265	262	**1015**	267	269	282	281	**1099**
Total services	**12257**	**12751**	**12884**	**13483**	**51375**	**12788**	**13468**	**13303**	**13806**	**53366**
Total goods	**4970**	**5379**	**5755**	**5229**	**21334**	**4585**	**5268**	**5586**	**5071**	**20510**
Gross domestic product at factor cost	**17228**	**18130**	**18639**	**18712**	**72709**	**17373**	**18736**	**18890**	**18877**	**73876**

Quarterly numbers may not sum to annual numbers due to rounding.

Quarterly Constant Dollar Estimates

Table 15

Expenditure Account
Millions of 1986 Dollars

	I	II	III	IV	1982	I	II	III	IV	1983
Personal expenditure	7592	7924	7772	8176	**31464**	7398	8012	8011	8430	**31851**
Durable goods	846	924	855	945	**3570**	777	989	942	1032	**3740**
Motor vehicles, parts & repairs	421	437	369	353	**1580**	352	471	405	421	**1648**
Furniture & household appliances	182	195	195	239	**811**	177	200	210	246	**833**
Other durables	247	293	288	344	**1173**	248	319	324	360	**1251**
Semi-durable goods	665	761	762	952	**3141**	626	734	767	952	**3079**
Clothing & footwear	355	419	417	535	**1727**	346	406	420	536	**1708**
Other semi-durables	312	343	346	417	**1419**	281	329	348	416	**1375**
Non-durable goods	2339	2331	2267	2448	**9385**	2207	2270	2289	2488	**9254**
Foods & non-alcoholic beverages	983	1013	1003	1063	**4062**	944	1027	1040	1113	**4124**
Motor fuels & lubricants	251	278	304	260	**1094**	229	259	296	253	**1037**
Electricity, gas & other fuels	360	211	131	247	**949**	317	191	135	245	**889**
Other non-durables	757	832	824	888	**3301**	726	791	813	882	**3212**
Services	3767	3924	3912	3839	**15442**	3821	4030	4028	3960	**15839**
Gross rent (imputed & paid)	1633	1654	1680	1698	**6665**	1709	1723	1747	1753	**6932**
Restaurants & hotels	520	602	653	527	**2302**	479	585	662	518	**2243**
Other services	1610	1667	1575	1608	**6460**	1625	1720	1614	1682	**6641**
Government current expenditure on goods & services	2671	2263	2484	2553	**9972**	2748	2350	2513	2444	**10056**
Government investment: fixed capital	285	304	273	328	**1191**	319	338	351	285	**1293**
Construction	247	270	237	297	**1051**	285	304	313	245	**1147**
Machinery & equipment	39	36	36	34	**144**	35	36	40	41	**151**
Business investment: fixed capital	2372	2514	2331	2258	**9475**	1923	2401	2489	2229	**9042**
Residential construction	670	787	731	656	**2843**	504	844	918	703	**2969**
New construction	416	394	300	259	**1369**	287	461	465	344	**1556**
Alterations & improvements	114	221	260	233	**828**	113	262	323	240	**938**
Transfer costs (commissions)	53	52	68	110	**284**	105	124	104	83	**416**
Non-residential construction	950	949	946	947	**3791**	1001	1011	1022	1026	**4060**
Machinery & equipment	798	814	695	703	**3010**	487	585	583	555	**2211**
Final domestic demand	**13079**	**13109**	**12919**	**13425**	**52532**	**12451**	**13254**	**13473**	**13391**	**52569**
Government investment: inventories	1	9	11	−13	**8**	−1	2	1	−7	**−4**
Business investment: inventories	−127	−428	−268	−667	**−1489**	−29	−165	141	−174	**−227**
Non-farm inventories	−100	−453	−296	−635	**−1485**	4	−184	92	−139	**−227**
Farm inventories	−26	25	29	−31	**−3**	−34	20	49	−35	**0**
External trade (1)										
Exports, rest of Canada	951	1029	955	960	**3894**	938	1044	1035	1103	**4119**
Exports, rest of world	2609	2365	2516	2479	**9969**	2488	2881	2505	3029	**10903**
Imports, rest of Canada	−1964	−2060	−1994	−2069	**−8087**	−1709	−1923	−2001	−1959	**−7592**
Imports, rest of world	−1853	−1727	−1510	−1442	**−6531**	−1605	−1807	−1678	−1788	**−6878**
Net service exports plus statistical discrepancy	175	682	513	118	**1488**	216	−358	−161	−398	**−702**
Adjusting entry	−83	3	−50	−101	**−231**	−185	74	8	−95	**−198**
Gross domestic product at market prices	**12629**	**12819**	**12985**	**12580**	**51013**	**12608**	**12904**	**13225**	**13113**	**51849**

Prior to 1986, components do not sum to totels due to an adjusting entry.

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Merchandise only. Services are included in Net service exports.

Expenditure Account

Millions of 1986 Dollars

Table 15

I	II	III	IV	1984	I	II	III	IV	1985	
7726	8304	8197	8692	**32919**	7940	8615	8690	9251	**34496**	**Personal expenditure**
899	1075	987	1087	**4048**	933	1164	1113	1255	**4465**	Durable goods
427	512	437	439	**1815**	453	591	505	542	**2091**	Motor vehicles, parts & repairs
187	214	214	253	**868**	191	220	231	279	**920**	Furniture & household appliances
285	351	333	388	**1357**	292	357	375	429	**1454**	Other durables
653	757	766	977	**3154**	634	749	798	1013	**3194**	Semi-durable goods
358	421	425	554	**1758**	353	423	445	581	**1802**	Clothing & footwear
297	337	342	424	**1401**	281	326	354	433	**1394**	Other semi-durables
2223	2338	2301	2551	**9414**	2250	2325	2366	2649	**9590**	Non-durable goods
994	1064	1065	1117	**4240**	985	1071	1102	1179	**4337**	Foods & non-alcoholic beverages
229	265	289	259	**1042**	224	259	291	250	**1025**	Motor fuels & lubricants
290	204	131	292	**918**	339	182	136	319	**975**	Electricity, gas & other fuels
710	804	810	891	**3215**	705	811	830	909	**3255**	Other non-durables
3972	4137	4157	4075	**16342**	4147	4377	4418	4320	**17262**	Services
1724	1740	1767	1771	**7002**	1838	1853	1880	1886	**7456**	Gross rent (imputed & paid)
497	593	682	537	**2310**	517	606	705	559	**2387**	Restaurants & hotels
1748	1802	1706	1762	**7017**	1785	1917	1830	1869	**7402**	Other services
2733	2267	2474	2519	**9993**	2787	2353	2420	2522	**10083**	**Government current expenditure on goods & services**
290	315	376	349	**1330**	366	418	468	407	**1659**	**Government investment: fixed capital**
219	247	302	276	**1044**	313	365	423	360	**1460**	Construction
67	65	72	70	**274**	53	54	48	49	**204**	Machinery & equipment
1866	2211	2261	2085	**8423**	1885	2281	2403	2255	**8824**	**Business investment: fixed capital**
507	735	800	632	**2674**	481	767	881	745	**2875**	Residential construction
266	333	348	247	**1194**	233	358	407	353	**1351**	New construction
125	254	307	245	**930**	130	259	309	258	**957**	Alterations & improvements
102	103	86	85	**377**	106	127	140	114	**488**	Transfer costs (commissions)
889	888	893	891	**3561**	833	831	826	838	**3329**	Non-residential construction
526	622	597	606	**2351**	621	706	709	698	**2734**	Machinery & equipment
12682	**13159**	**13352**	**13624**	**52816**	**12991**	**13730**	**14071**	**14456**	**55248**	**Final domestic demand**
−5	7	9	−8	**2**	−3	4	2	−8	**−5**	**Government investment: inventories**
−330	−46	414	−146	**−109**	190	−262	361	−165	**125**	**Business investment: inventories**
−282	−69	363	−111	**−99**	218	−288	374	−155	**149**	Non-farm inventories
−48	23	51	−36	**−10**	−28	26	−13	−10	**−24**	Farm inventories
										External trade (1)
1034	1117	1082	1128	**4361**	1114	1218	1200	1230	**4762**	Exports, rest of Canada
2594	2959	3237	3249	**12040**	3226	3201	3242	3441	**13110**	Exports, rest of world
−1730	−1854	−1932	−1976	**−7493**	−1762	−1991	−2059	−2103	**−7916**	Imports, rest of Canada
−2003	−2139	−2108	−2017	**−8268**	−2191	−2442	−2296	−2435	**−9364**	Imports, rest of world
434	235	−436	−97	**137**	129	533	20	227	**910**	**Net service exports plus statistical discrepancy**
−158	−3	−3	−131	**−295**	−139	80	−30	−15	**−104**	Adjusting entry
12512	**13362**	**13541**	**13629**	**53043**	**13603**	**14011**	**14408**	**14600**	**56621**	**Gross domestic product at market prices**

Prior to 1986, components do not sum to totals due to an adjusting entry.

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Merchandise only. Services are included in Net service exports.

Table 15

Expenditure Account

Millions of 1986 Dollars

	I	II	III	IV	1986	I	II	III	IV	1987
Personal expenditure	8472	9235	9287	9492	**36486**	8626	9472	9488	10025	**37612**
Durable goods	1096	1268	1217	1262	**4843**	1100	1415	1342	1451	**5308**
Motor vehicles, parts & repairs	546	630	588	524	**2288**	541	735	638	611	**2525**
Furniture & household appliances	209	240	230	283	**962**	218	254	259	321	**1053**
Other durables	342	397	399	455	**1593**	340	426	444	519	**1729**
Semi-durable goods	663	799	834	1036	**3332**	694	819	837	1089	**3438**
Clothing & footwear	366	456	476	604	**1901**	390	463	469	623	**1945**
Other semi-durables	296	343	358	433	**1430**	304	356	369	465	**1494**
Non-durable goods	2263	2406	2434	2587	**9690**	2266	2396	2432	2652	**9747**
Foods & non-alcoholic beverages	1025	1107	1135	1155	**4422**	1017	1126	1163	1228	**4534**
Motor fuels & lubricants	211	261	298	258	**1028**	237	263	294	241	**1035**
Electricity, gas & other fuels	321	207	146	252	**925**	310	194	145	252	**902**
Other non-durables	707	831	855	922	**3314**	702	813	831	931	**3276**
Services	4450	4762	4802	4607	**18621**	4567	4842	4877	4834	**19119**
Gross rent (imputed & paid)	1914	1928	1951	1953	**7746**	1994	2009	2036	2041	**8080**
Restaurants & hotels	558	716	825	599	**2698**	528	660	740	609	**2537**
Other services	1979	2118	2026	2054	**8177**	2045	2173	2101	2183	**8503**
Government current expenditure on goods & services	2869	2304	2497	2516	**10185**	2938	2333	2494	2573	**10338**
Government investment: fixed capital	336	334	407	356	**1433**	312	339	390	391	**1431**
Construction	286	278	357	304	**1225**	240	263	315	309	**1128**
Machinery & equipment	50	56	49	52	**208**	71	76	74	82	**303**
Business investment: fixed capital	1868	2227	2264	2116	**8476**	2073	2539	2758	2538	**9907**
Residential construction	556	843	931	807	**3137**	701	1021	1191	988	**3902**
New construction	333	441	486	449	**1709**	357	521	676	602	**2156**
Alterations & improvements	110	248	294	231	**882**	104	247	297	209	**858**
Transfer costs (commissions)	113	155	152	127	**546**	240	253	218	177	**888**
Non-residential construction	652	649	642	634	**2577**	656	656	652	644	**2609**
Machinery & equipment	660	735	691	676	**2762**	715	861	914	905	**3396**
Final domestic demand	13545	14100	14455	14481	**56580**	13949	14683	15129	15527	**59288**
Government investment: inventories	-1	5	-3	-4	**-3**	0	3	-3	-3	**-3**
Business investment: inventories	400	-264	181	-253	**64**	575	-203	319	-65	**625**
Non-farm inventories	420	-271	149	-243	**55**	667	-308	286	-6	**639**
Farm inventories	-20	6	33	-11	**9**	-93	105	33	-59	**-14**
External trade (1)										
Exports, rest of Canada	1184	1311	1197	1189	**4881**	1215	1307	1290	1325	**5136**
Exports, rest of world	3384	3496	3271	3101	**13252**	3764	3657	3824	3947	**15191**
Imports, rest of Canada	-1854	-2088	-2128	-2120	**-8190**	-1908	-2137	-2243	-2304	**-8592**
Imports, rest of world	-2528	-2712	-2577	-2566	**-10383**	-2493	-2749	-2766	-2921	**-10930**
Net service exports plus statistical discrepancy	-6	647	143	356	**1140**	-455	256	-209	-323	**-731**
Adjusting entry	0	0	0	0	**0**	0	0	0	0	**0**
Gross domestic product at market prices	**14125**	**14496**	**14540**	**14182**	**57342**	**14647**	**14816**	**15340**	**15182**	**59985**

Prior to 1986, components do not sum to totals due to an adjusting entry.

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Merchandise only. Services are included in Net service exports.

Expenditure Account

Table 15

Millions of 1986 Dollars

I	II	III	IV	1988	I	II	III	IV	1989	
9168	9797	9900	10535	**39401**	9495	10392	10428	11111	**41425**	**Personal expenditure**
1244	1493	1428	1609	**5774**	1281	1653	1545	1687	**6167**	Durable goods
620	759	677	666	**2722**	649	864	729	686	**2928**	Motor vehicles, parts & repairs
235	269	279	349	**1132**	233	278	294	366	**1171**	Furniture & household appliances
389	465	472	594	**1921**	399	511	523	635	**2068**	Other durables
699	814	861	1140	**3514**	690	849	889	1167	**3595**	Semi-durable goods
380	446	473	639	**1938**	376	469	493	661	**1999**	Clothing & footwear
319	368	387	501	**1575**	314	380	395	506	**1596**	Other semi-durables
2442	2411	2504	2741	**10097**	2464	2494	2557	2867	**10383**	Non-durable goods
1118	1148	1213	1253	**4732**	1105	1225	1248	1355	**4934**	Foods & non-alcoholic beverages
235	253	287	248	**1024**	237	268	305	259	**1068**	Motor fuels & lubricants
344	205	157	293	**999**	386	182	151	296	**1015**	Electricity, gas & other fuels
744	804	847	947	**3342**	737	819	853	958	**3367**	Other non-durables
4784	5079	5108	5045	**20016**	5059	5395	5437	[illegible]	**21280**	Services
2083	2105	2136	2146	**8470**	2177	2202	2237	[illegible]	**8866**	Gross rent (imputed & paid)
586	679	772	587	**2625**	583	705	797	657	**2741**	Restaurants & hotels
2115	2295	2199	2312	**8921**	2299	2488	2402	2483	**9672**	Other services
2944	2374	2675	2616	**10609**	2907	2376	2610	2592	**10485**	**Government current expenditure on goods & services**
272	313	347	343	**1275**	393	442	480	452	**1767**	**Government investment: fixed capital**
195	232	272	262	**961**	297	340	391	356	**1383**	Construction
77	81	75	81	**314**	96	102	90	96	**384**	Machinery & equipment
2528	3106	3293	3034	**11961**	3091	3561	3814	3701	**14168**	**Business investment: fixed capital**
765	1162	1308	1125	**4360**	1043	1328	1547	1458	**5376**	Residential construction
427	574	706	647	**2354**	565	723	834	808	**2930**	New construction
109	263	311	226	**909**	132	310	366	264	**1072**	Alterations & improvements
229	325	290	252	**1097**	345	296	347	385	**1374**	Transfer costs (commissions)
777	773	767	761	**3078**	872	868	864	865	**3469**	Non-residential construction
986	1171	1218	1148	**4523**	1177	1365	1403	1378	**5323**	Machinery & equipment
14912	**15591**	**16214**	**16528**	**63246**	**15886**	**16770**	**17332**	**17857**	**67845**	**Final domestic demand**
2	3	0	0	**5**	0	0	0	0	**0**	**Government investment: inventories**
583	-229	385	-315	**425**	31	-289	359	-276	**-176**	**Business investment: inventories**
666	-372	344	-260	**378**	84	-292	329	-269	**-149**	Non-farm inventories
-82	143	41	-55	**46**	-53	2	30	-7	**-27**	Farm inventories
										External trade (1)
1275	1367	1312	1318	**5272**	1277	1405	1360	1378	**5421**	Exports, rest of Canada
3887	4154	3778	4002	**15821**	4023	3827	4059	3932	**15841**	Exports, rest of world
-2068	-2300	-2400	-2427	**-9195**	-2109	-2422	-2480	-2554	**-9565**	Imports, rest of Canada
-3245	-3400	-3164	-3320	**-13129**	-3478	-3976	-3539	-3551	**-14545**	Imports, rest of world
-292	625	16	331	**681**	268	1025	-199	179	**1273**	**Net service exports plus statistical discrepancy**
0	0	0	0	**0**	0	0	0	0	**0**	**Adjusting entry**
15055	**15812**	**16141**	**16119**	**63127**	**15899**	**16340**	**16892**	**16965**	**66096**	**Gross domestic product at market prices**

Prior to 1986, components do not sum to totals due to an adjusting entry.

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Merchandise only. Services are included in Net service exports.

Table 15

Expenditure Account

Millions of 1986 Dollars

	I	II	III	IV	1990	I	II	III	IV	1991
Personal expenditure	10107	10715	10688	11095	**42605**	9895	10725	10762	11276	**42659**
Durable goods	1473	1692	1576	1633	**6374**	1253	1648	1562	1618	**6081**
Motor vehicles, parts & repairs	735	854	756	656	**3001**	644	846	743	626	**2860**
Furniture & household appliances	261	289	294	367	**1211**	216	269	285	365	**1135**
Other durables	478	549	526	610	**2162**	392	532	534	627	**2086**
Semi-durable goods	774	885	906	1164	**3728**	697	861	892	1135	**3585**
Clothing & footwear	415	474	497	672	**2058**	376	460	478	631	**1945**
Other semi-durables	358	411	409	491	**1670**	322	401	414	504	**1641**
Non-durable goods	2559	2579	2599	2822	**10560**	2550	2548	2651	2902	**10652**
Foods & non-alcoholic beverages	1219	1288	1284	1301	**5093**	1198	1268	1331	1364	**5160**
Motor fuels & lubricants	223	256	281	255	**1015**	215	255	289	250	**1009**
Electricity, gas & other fuels	359	200	158	339	**1056**	372	224	171	353	**1120**
Other non-durables	758	836	875	927	**3395**	766	801	860	935	**3363**
Services	5301	5559	5607	5476	**21943**	5395	5668	5657	5621	**22341**
Gross rent (imputed & paid)	2277	2310	2357	2375	**9319**	2400	2428	2465	2477	**9770**
Restaurants & hotels	629	723	805	618	**2774**	567	649	732	618	**2567**
Other services	2395	2526	2446	2483	**9850**	2428	2591	2459	2526	**10005**
Government current expenditure on goods & services	3019	2405	2698	2684	**10806**	3090	2520	2784	2765	**11159**
Government investment: fixed capital	430	489	555	534	**2007**	491	592	603	571	**2257**
Construction	330	391	467	440	**1629**	390	489	510	468	**1857**
Machinery & equipment	99	98	87	93	**378**	101	103	93	103	**400**
Business investment: fixed capital	3499	3872	3819	3471	**14661**	3099	3774	4063	3655	**14591**
Residential construction	1228	1528	1551	1240	**5548**	1020	1470	1629	1461	**5580**
New construction	772	952	891	732	**3347**	562	688	915	899	**3065**
Alterations & improvements	168	362	405	290	**1225**	121	284	341	243	**989**
Transfer costs (commissions)	288	214	254	219	**976**	337	498	373	319	**1527**
Non-residential construction	863	859	849	860	**3431**	929	918	902	895	**3643**
Machinery & equipment	1408	1484	1419	1371	**5682**	1150	1387	1532	1299	**5368**
Final domestic demand	**17055**	**17481**	**17760**	**17783**	**70079**	**16576**	**17611**	**18212**	**18267**	**70666**
Government investment: inventories	4	4	1	-3	**5**	2	3	0	-7	**-3**
Business investment: inventories	955	-442	237	-432	**318**	361	-457	385	-216	**73**
Non-farm inventories	990	-432	199	-443	**313**	395	-464	353	-215	**69**
Farm inventories	-35	-9	38	11	**5**	-34	7	32	-1	**4**
External trade (1)										
Exports, rest of Canada	1285	1358	1285	1284	**5213**	1168	1338	1304	1311	**5122**
Exports, rest of world	3989	3995	3784	3877	**15645**	3721	4141	3949	3819	**15630**
Imports, rest of Canada	-2289	-2504	-2549	-2523	**-9864**	-2117	-2504	-2635	-2647	**-9903**
Imports, rest of world	-3740	-3949	-3657	-3592	**-14938**	-3622	-3945	-4020	-4103	**-15690**
Net service exports plus statistical discrepancy	-708	862	467	865	**1485**	251	675	352	760	**2038**
Adjusting entry	0	0	0	0	**0**	0	0	0	0	**0**
Gross domestic product at market prices	**16552**	**16805**	**17328**	**17259**	**67944**	**16341**	**16862**	**17547**	**17185**	**67934**

Prior to 1986, components do not sum to totals due to an adjusting entry.

Quarterly numbers may not sum to annual numbers due to rounding.

(1) Merchandise only. Services are included in Net service exports.

Table 16 Gross Domestic Product – Goods

Millions of 1986 Dollars

	I	II	III	IV	1982	I	II	III	IV	1983
Business sector	3172	3201	3193	3107	12672	3148	3446	3827	3426	13846
Agriculture	67	66	334	114	**581**	59	31	373	130	**593**
Fishing & trapping	39	41	102	27	**209**	37	38	103	26	**205**
Forestry & logging	165	196	201	184	**746**	259	271	300	301	**1130**
Mining	255	223	187	230	**895**	250	226	220	285	**981**
Metals	53	63	49	52	**217**	78	71	68	65	**282**
Industrial minerals	12	12	8	10	**43**	9	11	10	10	**40**
Petroleum & natural gas	129	80	68	117	**393**	121	85	90	142	**437**
Coal	54	63	50	42	**208**	40	56	48	69	**213**
Services related to mining	29	16	28	31	**103**	17	13	17	17	**64**
Manufacturing	1476	1491	1360	1363	**5690**	1415	1609	1547	1577	**6148**
Non-durables	684	715	684	680	**2762**	700	818	773	795	**3086**
Food & beverages	177	214	219	204	**815**	175	226	201	209	**812**
Paper & allied	274	262	252	263	**1051**	296	335	332	346	**1308**
Petroleum & coal products	70	66	67	71	**274**	64	64	64	52	**244**
Chemicals	46	57	39	38	**180**	53	64	54	54	**226**
Other non-durables	136	133	123	123	**514**	126	138	132	136	**532**
Durables	758	744	651	657	**2810**	694	769	751	760	**2974**
Wood	317	337	297	319	**1270**	382	418	408	413	**1621**
Furniture & fixtures	15	16	13	13	**57**	13	13	13	13	**52**
Primary metal products	103	85	70	76	**332**	62	76	72	87	**296**
Metal fabricated products	104	95	88	86	**374**	86	91	94	88	**359**
Machinery & equipment	57	46	43	38	**184**	37	44	42	37	**159**
Transportation equipment	91	85	72	58	**306**	55	52	51	57	**215**
Electrical & electronic equipment	12	13	11	11	**48**	12	13	13	13	**51**
Non-metallic mineral products	55	67	58	56	**235**	51	67	63	51	**231**
Miscellaneous manufacturing	24	25	21	21	**90**	19	21	20	20	**80**
Construction	812	890	780	882	**3364**	802	973	1019	786	**3581**
Residential	202	224	196	172	**794**	126	222	238	177	**764**
Non-residential	605	660	579	726	**2569**	696	745	771	606	**2817**
Utilities	382	298	305	303	**1288**	332	291	322	335	**1279**
Non-business sector	32	35	34	32	133	33	33	36	37	139
Forestry services	18	21	22	20	**81**	20	21	23	23	**88**
Manufacturing	0	0	0	0	**0**	0	0	0	0	**0**
Utilities (water systems)	14	14	13	12	**53**	13	12	13	14	**52**
Total goods	3190	3222	3214	3125	12751	3167	3464	3847	3448	13926
Total services	7792	7828	7932	8102	31654	7684	7673	7758	7783	30898
Adjusting entry	-10	-9	-11	-19	**-49**	-9	5	21	2	**20**
Gross domestic product at factor cost	10973	11041	11134	11209	44357	10842	11142	11626	11233	44844

Prior to 1986, components do not sum to totals due to an adjusting entry.

Quarterly numbers may not sum to annual numbers due to rounding.

Table 16

Gross Domestic Product – Goods

Millions of 1986 Dollars

	I	II	III	IV	1984	I	II	III	IV	1985
Business sector	3160	3383	3984	3669	14196	3586	3891	4258	4070	15805
Agriculture	46	21	349	154	570	98	104	231	164	596
Fishing & trapping	27	32	99	21	178	44	60	213	29	347
Forestry & logging	233	271	327	307	1139	292	300	293	315	1200
Mining	324	306	291	348	1269	367	305	300	374	1346
Metals (1)	na	na	na	na	na	68	62	70	84	285
Industrial minerals (1)	na	na	na	na	na	12	13	13	13	51
Petroleum & natural gas	133	95	82	136	446	154	91	87	155	487
Coal	113	123	124	129	490	128	135	121	116	500
Services related to mining	25	17	21	23	85	31	21	26	30	108
Manufacturing	1538	1632	1683	1662	6513	1653	1861	1860	1845	7220
Non-durables	717	755	832	799	3103	755	858	857	868	3338
Food & beverages	245	200	209	191	845	187	246	259	241	933
Paper & allied	237	305	369	361	1272	332	349	344	368	1393
Petroleum & coal products (1)	na	na	na	na	na	51	49	50	55	204
Chemicals (1)	na	na	na	na	na	54	69	59	55	238
Other non-durables	133	131	138	139	540	134	144	145	152	575
Durables	820	875	855	864	3415	897	1003	1003	978	3880
Wood	424	434	422	428	1708	477	544	534	504	2060
Furniture & fixtures	11	11	11	11	45	12	13	15	16	55
Primary metal products	87	94	100	102	383	104	100	109	124	437
Metal fabricated products	89	97	89	80	356	82	99	99	95	375
Machinery & equipment	45	51	53	53	202	51	58	60	61	230
Transportation equipment	72	76	81	91	321	89	86	75	81	331
Electrical & electronic equipment	25	28	24	27	104	23	27	28	26	104
Non-metallic mineral products	50	66	64	54	234	47	63	67	52	228
Miscellaneous manufacturing	24	24	23	24	95	21	25	23	23	93
Construction	638	768	913	790	3109	680	863	996	856	3396
Residential	125	180	198	147	649	108	180	208	178	674
Non-residential	517	580	712	651	2460	584	680	784	674	2721
Utilities	333	324	349	364	1370	452	402	406	489	1749
Non-business sector	28	31	35	35	129	33	32	32	36	134
Forestry services	16	19	22	21	78	19	20	19	21	79
Manufacturing	0	0	0	0	0	0	0	0	0	0
Utilities (water systems)	12	12	13	14	52	14	13	13	16	56
Total goods	3174	3400	4003	3688	14264	3593	3895	4258	4075	15821
Total services	7788	8164	8199	8256	32407	8343	8392	8480	8620	33834
Adjusting entry	−10	−8	19	4	5	−2	10	25	14	47
Gross domestic product at factor cost	10952	11556	12221	11948	46677	11933	12297	12763	12709	49702

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Quarterly numbers may not sum to annual numbers due to rounding.

(1) na = secure data.

Gross Domestic Product – Goods

Table 16

Millions of 1986 Dollars

I	II	III	IV	1986	I	II	III	IV	1987	
3691	**3950**	**4112**	**3715**	**15467**	**3971**	**4126**	**4691**	**4490**	**17278**	**Business sector**
85	93	256	151	**584**	82	82	311	192	**667**	Agriculture
38	50	162	21	**271**	28	36	127	17	**208**	Fishing & trapping
279	299	246	223	**1048**	340	354	355	320	**1369**	Forestry & logging
377	317	295	381	**1370**	399	346	348	444	**1537**	Mining
93	95	100	103	**390**	100	98	99	115	**412**	Metals (1)
15	18	18	19	**70**	17	21	23	20	**82**	Industrial minerals (1)
104	71	69	111	**355**	140	90	84	139	**454**	Petroleum & natural gas
125	123	95	131	**475**	120	125	119	143	**507**	Coal
41	9	13	17	**80**	22	11	23	26	**83**	Services related to mining
1809	2019	1792	1706	**7326**	1961	2037	2070	2070	**8138**	Manufacturing
796	894	885	832	**3408**	882	920	945	922	**3668**	Non-durables
196	241	245	228	**910**	197	220	242	222	**882**	Food & beverages
366	389	389	367	**1510**	433	421	429	433	**1717**	Paper & allied
na	na	na	na	**na**	47	52	55	56	**210**	Petroleum & coal products (1)
na	na	na	na	**na**	55	67	60	56	**238**	Chemicals (1)
145	159	153	148	**605**	149	159	158	155	**621**	Other non-durables
1012	1125	907	874	**3918**	1079	1117	1125	1149	**4470**	Durables
563	624	459	414	**2060**	623	655	641	642	**2561**	Wood
16	18	17	16	**67**	14	13	16	18	**61**	Furniture & fixtures
107	126	88	104	**426**	94	57	67	109	**327**	Primary metal products
85	93	96	92	**367**	91	110	116	107	**424**	Metal fabricated products
57	59	54	55	**225**	69	70	68	75	**282**	Machinery & equipment
80	89	79	84	**333**	83	92	83	75	**333**	Transportation equipment
40	40	34	37	**151**	46	47	51	52	**195**	Electrical & electronic equipment
44	53	59	49	**205**	40	53	64	53	**210**	Non-metallic mineral products
20	22	20	21	**83**	18	20	19	19	**77**	Miscellaneous manufacturing
725	798	983	837	**3343**	713	883	1078	995	**3670**	Construction
164	255	288	252	**959**	182	303	383	320	**1188**	Residential
561	543	694	585	**2383**	531	581	695	675	**2482**	Non-residential
377	374	378	396	**1526**	449	389	401	451	**1690**	Utilities
36	**38**	**34**	33	140	**36**	**34**	**34**	**34**	138	**Non-business sector**
20	22	18	16	**76**	18	19	19	17	**74**	Forestry services
0	0	0	0	**1**	0	0	0	0	**1**	Manufacturing
16	16	16	16	**64**	17	15	15	17	**64**	Utilities (water systems)
3727	**3987**	**4145**	**3747**	**15607**	**4006**	**4161**	**4725**	**4524**	**17415**	**Total goods**
8560	**8987**	**9037**	**9116**	**35700**	**9149**	**9388**	**9387**	**9384**	**37308**	**Total services**
0	0	0	0	**0**	0	0	0	0	**0**	Adjusting entry
12288	**12975**	**13182**	**12864**	**51308**	**13156**	**13549**	**14112**	**13908**	**54724**	**Gross domestic product at factor cost**

Prior to 1986, components do not sum to totals due to an adjusting entry.

Quarterly numbers may not sum to annual numbers due to rounding.

(1) na = secure data.

Table 16

Gross Domestic Product – Goods

Millions of 1986 Dollars

	I	II	III	IV	1988	I	II	III	IV	1989
Business sector	**4028**	**4468**	**4923**	**4707**	**18126**	**4209**	**4666**	**5020**	**4748**	**18642**
Agriculture	79	95	308	195	**677**	82	81	299	206	**667**
Fishing & trapping	23	36	131	16	**206**	43	49	144	21	**257**
Forestry & logging	299	319	367	379	**1364**	307	315	336	334	**1293**
Mining	458	397	390	448	**1693**	459	428	394	465	**1747**
Metals	126	106	103	108	**442**	101	116	79	103	**399**
Industrial minerals	16	21	21	20	**78**	19	23	25	22	**88**
Petroleum & natural gas	138	99	91	136	**464**	145	121	121	159	**545**
Coal	141	149	143	160	**593**	152	143	144	150	**589**
Services related to mining	38	23	31	24	**116**	43	25	26	32	**126**
Manufacturing	2059	2209	2120	2090	**8478**	2016	2199	2130	2050	**8395**
Non-durables	903	986	961	930	**3780**	883	937	957	918	**3695**
Food & beverages	187	232	227	215	**862**	183	215	250	219	**867**
Paper & allied	438	463	447	439	**1786**	430	430	422	420	**1702**
Petroleum & coal products	48	49	52	48	**197**	48	47	51	48	**194**
Chemicals	63	70	64	60	**257**	56	69	63	62	**251**
Other non-durables	167	173	171	167	**678**	165	177	171	168	**681**
Durables	1156	1222	1159	1160	**4698**	1133	1262	1173	1133	**4700**
Wood	655	672	615	616	**2557**	605	671	632	599	**2506**
Furniture & fixtures	14	16	15	16	**62**	16	19	19	18	**73**
Primary metal products	94	110	94	103	**402**	93	102	89	89	**373**
Metal fabricated products	101	109	117	109	**435**	109	127	125	118	**479**
Machinery & equipment	83	90	88	91	**352**	93	92	87	89	**361**
Transportation equipment	91	98	87	90	**365**	89	103	83	76	**352**
Electrical & electronic equipment	47	50	57	55	**208**	52	56	51	60	**219**
Non-metallic mineral products	49	57	64	59	**229**	53	68	67	62	**250**
Miscellaneous manufacturing	23	23	22	22	**88**	22	24	21	21	**87**
Construction	766	989	1169	1080	**4005**	924	1146	1321	1195	**4586**
Residential	211	330	402	345	**1288**	265	392	456	407	**1520**
Non-residential	555	659	768	736	**2717**	659	754	865	788	**3065**
Utilities	344	425	437	498	**1704**	379	448	397	476	**1699**
Non-business sector	**34**	**38**	**41**	**44**	**157**	**40**	**42**	**41**	**45**	**169**
Forestry services	20	21	25	25	**92**	24	25	26	26	**102**
Manufacturing	0	0	0	0	**1**	0	0	0	0	**1**
Utilities (water systems)	14	16	16	19	**65**	16	17	15	19	**66**
Total goods	**4062**	**4506**	**4963**	**4751**	**18283**	**4249**	**4708**	**5061**	**4793**	**18810**
Total services	**9516**	**10097**	**10196**	**10330**	**40140**	**10471**	**10581**	**10694**	**11100**	**42846**
Adjusting entry	0	0	0	0	**0**	0	0	0	0	**0**
Gross domestic product at factor cost	**13578**	**14603**	**15160**	**15082**	**58424**	**14719**	**15289**	**15755**	**15893**	**61657**

Prior to 1986, components do not sum to totals due to an adjusting entry.

Quarterly numbers may not sum to annual numbers due to rounding.

Gross Domestic Product – Goods

Table 16

Millions of 1986 Dollars

I	II	III	IV	1990	I	II	III	IV	1991	
4247	**4629**	**5028**	**4562**	**18466**	**4027**	**4715**	**5057**	**4658**	**18457**	**Business sector**
64	62	342	206	**675**	72	81	374	236	**763**	Agriculture
51	43	144	21	**259**	42	36	112	17	**207**	Fishing & trapping
275	288	310	307	**1180**	248	303	296	263	**1110**	Forestry & logging
458	425	397	454	**1734**	468	457	415	458	**1797**	Mining
104	102	92	98	**396**	106	111	98	96	**411**	Metals
19	23	25	22	**89**	18	22	24	23	**87**	Industrial minerals
149	122	114	157	**542**	152	150	128	166	**596**	Petroleum & natural gas
142	157	136	143	**579**	145	155	141	151	**592**	Coal
44	21	30	33	**128**	48	18	24	22	**112**	Services related to mining
1993	2070	1960	1856	**7879**	1783	2029	1979	1920	**7711**	Manufacturing
869	911	914	876	**3569**	859	956	936	939	**3690**	Non-durables
190	236	236	217	**879**	190	248	254	234	**927**	Food & beverages
402	389	396	401	**1588**	414	421	406	438	**1678**	Paper & allied
44	47	51	49	**192**	48	54	53	54	**209**	Petroleum & coal products
65	72	68	58	**263**	59	72	66	60	**257**	Chemicals
167	166	162	152	**648**	148	161	157	153	**619**	Other non-durables
1123	1159	1047	980	**4310**	924	1073	1042	982	**4021**	Durables
610	616	550	517	**2293**	499	581	562	532	**2174**	Wood
16	17	19	18	**70**	14	19	18	19	**70**	Furniture & fixtures
77	75	73	84	**308**	81	81	73	70	**305**	Primary metal products
110	121	109	93	**434**	86	106	119	105	**417**	Metal fabricated products
88	90	76	80	**333**	65	66	65	64	**261**	Machinery & equipment
92	86	68	60	**306**	65	77	62	55	**259**	Transportation equipment
47	54	51	47	**199**	41	47	45	43	**176**	Electrical & electronic equipment
63	80	79	63	**285**	55	71	76	69	**272**	Non-metallic mineral products
20	20	20	20	**81**	18	23	22	24	**87**	Miscellaneous manufacturing
1045	1302	1432	1276	**5056**	1025	1312	1444	1318	**5099**	Construction
353	493	486	383	**1715**	265	377	486	442	**1570**	Residential
693	809	946	893	**3341**	760	935	958	875	**3529**	Non-residential
361	439	443	441	**1684**	388	497	438	447	**1770**	Utilities
40	**43**	**44**	**45**	**172**	**38**	**45**	**41**	**40**	**164**	**Non-business sector**
24	25	27	27	**103**	22	26	26	23	**97**	Forestry services
0	0	0	0	**1**	0	0	0	0	**1**	Manufacturing
16	18	17	18	**68**	16	18	15	17	**66**	Utilities (water systems)
4287	**4672**	**5072**	**4606**	**18638**	**4064**	**4760**	**5098**	**4698**	**18620**	**Total goods**
10801	**11023**	**11063**	**11361**	**44249**	**10761**	**11140**	**10908**	**11107**	**43916**	**Total services**
0	0	0	0	**0**	0	0	0	0	**0**	Adjusting entry
15089	**15696**	**16136**	**15968**	**62888**	**14825**	**15900**	**16007**	**15805**	**62537**	**Gross domestic product at factor cost**

Prior to 1986, components do not sum to totals due to an adjusting entry.

Quarterly numbers may not sum to annual numbers due to rounding.

Table 17 Gross Domestic Product – Services

Millions of 1986 Dollars

	I	II	III	IV	1982	I	II	III	IV	1983
Business sector	**5764**	**5813**	**6055**	**6063**	**23696**	**5633**	**5661**	**5913**	**5808**	**23015**
Transportation & storage	654	656	680	632	**2622**	648	645	686	647	**2627**
Communications	405	407	414	402	**1628**	396	398	408	391	**1593**
Wholesale trade	519	502	506	536	**2062**	471	454	499	501	**1924**
Retail trade	956	871	852	865	**3544**	914	888	960	981	**3743**
Finance, insurance & real estate	1603	1738	1970	2047	**7359**	1785	1854	1914	1844	**7397**
Government royalties	49	38	46	57	**190**	53	49	51	48	**200**
Owner-occupied dwellings	799	909	992	963	**3664**	898	959	1031	997	**3885**
Other	787	840	988	1082	**3697**	869	890	871	838	**3468**
Services to business	591	552	566	554	**2264**	463	417	411	454	**1746**
Education	22	21	14	21	**77**	23	22	15	23	**83**
Health services	254	286	260	298	**1098**	282	298	290	301	**1170**
Accommodation & food	396	457	486	405	**1745**	379	451	500	400	**1729**
Other services	357	341	339	326	**1363**	272	250	240	264	**1025**
Non-business sector	**2025**	**2013**	**1876**	**2037**	**7951**	**2047**	**2010**	**1845**	**1972**	**7874**
Transportation & storage	79	79	82	76	**317**	73	72	77	72	**294**
Education	686	643	429	663	**2421**	681	643	434	660	**2417**
Hospitals	326	330	336	333	**1325**	340	337	345	336	**1358**
Other health services	79	80	80	79	**318**	85	86	86	84	**340**
Other services	152	146	149	140	**586**	125	114	116	128	**484**
Public administration & defence	725	752	806	765	**3048**	761	772	790	711	**3033**
Federal & other	349	361	378	367	**1456**	365	371	386	367	**1490**
Provincial	186	196	215	199	**797**	202	211	209	162	**784**
Local	194	197	213	202	**807**	195	188	198	196	**776**
Total services	**7792**	**7828**	**7932**	**8102**	**31654**	**7684**	**7673**	**7758**	**7783**	**30898**
Total goods	**3190**	**3222**	**3214**	**3125**	**12751**	**3167**	**3464**	**3847**	**3448**	**13926**
Adjusting entry	−10	−9	−11	−19	**−49**	−9	5	21	2	20
Gross domestic product at factor cost	**10973**	**11041**	**11134**	**11209**	**44357**	**10842**	**11142**	**11626**	**11233**	**44844**

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Gross Domestic Product – Services

Table 17

Millions of 1986 Dollars

I	II	III	IV	1984	I	II	III	IV	1985	
5776	6133	6305	6203	24417	6244	6330	6555	6532	25661	**Business sector**
668	725	732	718	2843	780	807	855	820	3262	Transportation & storage
380	408	414	419	1621	401	400	420	434	1655	Communications
490	554	575	579	2197	614	607	644	620	2485	Wholesale trade
937	939	981	988	3844	875	824	862	920	3482	Retail trade
1877	1982	2017	1926	7801	2083	2168	2163	2151	8565	Finance, insurance & real estate
75	56	55	49	235	98	60	59	65	281	Government royalties
908	991	1027	1003	3929	1018	1082	1125	1100	4325	Owner-occupied dwellings
910	980	979	920	3790	966	1077	1027	1025	4095	Other
440	470	477	522	1909	466	452	452	488	1859	Services to business
25	24	16	24	89	25	23	16	24	89	Education
332	311	290	300	1233	306	318	299	304	1228	Health services
364	439	523	385	1711	355	423	507	374	1659	Accommodation & food
261	282	289	327	1159	316	307	332	372	1328	Other services
2010	2030	1894	2051	7984	2097	2060	1925	2087	8169	**Non-business sector**
77	83	84	82	326	85	88	94	90	357	Transportation & storage
667	645	430	651	2393	679	637	437	660	2413	Education
323	339	357	356	1375	339	337	341	343	1360	Hospitals
85	87	91	92	356	115	115	115	116	461	Other health services
109	119	120	131	479	119	115	121	130	485	Other services
763	769	812	753	3097	765	771	808	754	3099	Public administration & defence
374	391	398	375	1538	372	380	390	370	1513	Federal & other
201	190	212	187	791	197	197	215	191	800	Provincial
190	197	205	199	791	200	200	205	199	805	Local
7788	8164	8199	8256	32407	8343	8392	8480	8620	33834	**Total services**
3174	3400	4003	3688	14264	3593	3895	4258	4075	15821	**Total goods**
−10	−8	19	4	5	−2	10	25	14	47	Adjusting entry
10952	11556	12221	11948	46677	11933	12297	12763	12709	49702	**Gross domestic product at factor cost**

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Table 17 Gross Domestic Product – Services

Millions of 1986 Dollars

	I	II	III	IV	1986	I	II	III	IV	1987
Business sector	6476	6886	7116	7005	27482	7012	7269	7449	7267	28998
Transportation & storage	801	857	853	821	3333	848	886	922	856	3512
Communications	439	459	462	465	1825	503	529	529	512	2073
Wholesale trade	599	688	677	659	2623	631	685	712	701	2729
Retail trade	880	859	918	951	3609	912	940	979	1023	3855
Finance, insurance & real estate	2208	2319	2374	2373	9273	2394	2463	2496	2423	9776
Government royalties	112	102	114	108	436	176	191	175	195	738
Owner-occupied dwellings	1053	1116	1143	1109	4421	1115	1171	1190	1150	4625
Other	1042	1101	1117	1156	4416	1103	1101	1131	1078	4413
Services to business	509	539	598	639	2285	646	630	623	664	2563
Education	25	24	16	25	90	24	23	15	24	86
Health services	301	316	308	312	1237	353	327	305	289	1275
Accommodation & food	347	464	553	371	1735	361	469	543	422	1795
Other services	368	360	357	389	1473	340	317	324	353	1334
Non-business sector	2085	2101	1921	2112	8218	2138	2119	1938	2117	8311
Transportation & storage	79	84	84	81	327	70	73	76	71	291
Education	650	628	426	651	2354	667	638	435	675	2415
Hospitals	339	347	350	351	1387	368	374	371	353	1466
Other health services	118	120	121	121	480	125	127	126	121	500
Other services	115	114	121	133	483	126	116	119	130	491
Public administration & defence	784	809	818	776	3187	780	790	810	767	3148
Federal & other	375	395	387	372	1528	372	383	384	369	1508
Provincial	211	210	232	209	862	213	208	224	195	840
Local	198	204	200	196	798	196	200	202	202	800
Total services	8560	8987	9037	9116	35700	9149	9388	9387	9384	37308
Total goods	3727	3987	4145	3747	15607	4006	4161	4725	4524	17415
Adjusting entry	0	0	0	0	0	0	0	0	0	0
Gross domestic product at factor cost	12288	12975	13182	12864	51308	13156	13549	14112	13908	54724

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Gross Domestic Product – Services

Millions of 1986 Dollars

Table 17

I	II	III	IV	1988	I	II	III	IV	1989	
7358	**7920**	**8179**	**8157**	**31614**	**8226**	**8390**	**8632**	**8779**	**34028**	**Business sector**
940	958	1001	934	**3833**	1006	1023	1082	1015	**4126**	Transportation & storage
529	573	565	569	**2235**	559	589	602	590	**2339**	Communications
703	792	844	803	**3142**	736	791	805	787	**3120**	Wholesale trade
1020	1054	1105	1138	**4317**	1126	1109	1163	1245	**4643**	Retail trade
2463	2629	2674	2656	**10423**	2756	2730	2798	2892	**11176**	Finance, insurance & real estate
160	230	237	261	**888**	267	212	199	296	**973**	Government royalties
1158	1225	1259	1220	**4863**	1260	1292	1321	1300	**5172**	Owner-occupied dwellings
1145	1175	1177	1176	**4673**	1229	1227	1278	1296	**5030**	Other
677	750	805	905	**3137**	904	922	918	1011	**3754**	Services to business
25	24	16	24	**88**	26	25	18	28	**97**	Education
306	349	266	375	**1296**	359	359	306	324	**1347**	Health services
390	456	538	384	**1769**	390	475	551	432	**1848**	Accommodation & food
305	335	366	368	**1374**	364	368	389	457	**1578**	Other services
2158	**2177**	**2017**	**2174**	**8526**	**2244**	**2191**	**2062**	**2321**	**8818**	**Non-business sector**
74	75	79	74	**302**	59	60	64	60	**242**	Transportation & storage
697	671	453	672	**2493**	731	700	509	782	**2722**	Education
364	385	399	387	**1536**	393	375	392	401	**1560**	Hospitals
124	129	133	130	**516**	134	128	134	137	**533**	Other health services
113	121	130	142	**506**	130	130	134	147	**540**	Other services
786	794	823	769	**3173**	798	798	830	794	**3220**	Public administration & defence
374	385	389	371	**1518**	376	381	382	376	**1515**	Federal & other
218	208	222	193	**841**	217	208	233	207	**864**	Provincial
194	202	212	206	**814**	205	209	215	212	**841**	Local
9516	**10097**	**10196**	**10330**	**40140**	**10471**	**10581**	**10694**	**11100**	**42846**	**Total services**
4062	**4506**	**4963**	**4751**	**18283**	**4249**	**4708**	**5061**	**4793**	**18810**	**Total goods**
0	0	0	0	**0**	0	0	0	0	**0**	Adjusting entry
13578	**14603**	**15160**	**15082**	**58424**	**14719**	**15289**	**15755**	**15893**	**61657**	**Gross domestic product at factor cost**

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Table 17 Gross Domestic Product – Services

Millions of 1986 Dollars

	I	II	III	IV	1990	I	II	III	IV	1991
Business sector	**8478**	**8727**	**8901**	**8985**	**35091**	**8349**	**8791**	**8699**	**8686**	**34524**
Transportation & storage	963	1074	1117	1062	**4216**	940	1131	1111	972	**4154**
Communications	565	605	602	580	**2353**	521	577	556	537	**2191**
Wholesale trade	696	710	742	809	**2957**	675	683	690	664	**2713**
Retail trade	1171	1134	1181	1346	**4831**	1108	1040	1100	1153	**4400**
Finance, insurance & real estate	2866	2917	2899	2885	**11566**	2864	2947	2917	3074	**11802**
Government royalties	245	230	168	206	**849**	236	237	166	317	**956**
Owner-occupied dwellings	1319	1359	1415	1393	**5486**	1388	1410	1457	1445	**5701**
Other	1302	1327	1316	1286	**5231**	1240	1300	1294	1312	**5145**
Services to business	934	926	985	1053	**3898**	1068	1096	1052	993	**4209**
Education	29	27	19	28	**103**	29	27	20	30	**105**
Health services	374	370	332	354	**1430**	341	456	331	433	**1562**
Accommodation & food	439	510	580	424	**1953**	371	432	502	393	**1698**
Other services	441	455	445	443	**1785**	430	401	421	438	**1690**
Non-business sector	**2324**	**2296**	**2162**	**2376**	**9159**	**2412**	**2350**	**2209**	**2421**	**9393**
Transportation & storage	57	63	66	62	**248**	55	66	65	57	**244**
Education	800	750	536	798	**2883**	823	753	549	827	**2952**
Hospitals	392	392	404	400	**1587**	402	395	411	400	**1607**
Other health services	135	135	136	135	**540**	136	135	138	134	**543**
Other services	138	142	150	158	**589**	155	150	152	152	**610**
Public administration & defence	803	815	871	823	**3312**	841	850	894	852	**3436**
Federal & other	375	382	393	379	**1530**	382	402	396	389	**1569**
Provincial	220	221	252	225	**919**	236	229	267	235	**967**
Local	208	212	226	219	**864**	222	220	231	227	**901**
Total services	**10801**	**11023**	**11063**	**11361**	**44249**	**10761**	**11140**	**10908**	**11107**	**43916**
Total goods	**4287**	**4672**	**5072**	**4606**	**18638**	**4064**	**4760**	**5098**	**4698**	**18620**
Adjusting entry	0	0	0	0	0	0	0	0	0	0
Gross domestic product at factor cost	**15089**	**15696**	**16136**	**15968**	**62888**	**14825**	**15900**	**16007**	**15805**	**62537**

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Seasonally Adjusted Estimates

Table 18

Income Account

Millions of Dollars – Seasonally Adjusted at Annual Rates

	I	II	III	IV	1982	I	II	III	IV	1983
Wages & salaries	24220	23900	22572	23324	**23504**	23740	23924	23796	23496	**23739**
Supplementary labour income	2384	2360	2260	2340	**2336**	2432	2464	2476	2448	**2455**
Military pay & allowances	220	232	236	236	**231**	252	256	264	268	**260**
Corporation profits before taxes	1584	1548	1868	2200	**1800**	2544	2784	2856	2620	**2701**
Interest & miscellaneous investment income	4944	5196	5312	4952	**5101**	4736	4776	4924	4928	**4841**
Accrued net income of farm operators from farm production (1)	104	192	160	88	**136**	72	76	284	120	**138**
Net income of non-farm unincorporated business	2184	2392	2440	2712	**2432**	2980	2952	3036	3104	**3018**
Rent	640	772	900	1036	**837**	1224	1160	1272	1356	**1253**
Other income	1544	1620	1540	1676	**1595**	1756	1792	1764	1748	**1765**
Inventory valuation adjustment	-544	-660	-464	140	**-382**	-136	-400	-400	-216	**-288**
Net domestic income at factor cost	**35096**	**35160**	**34384**	**35992**	**35158**	**36620**	**36832**	**37236**	**36768**	**36864**
Capital consumption allowances	5400	5544	5592	5708	**5561**	5668	5820	5992	6104	**5896**
Business	4788	4916	4952	5060	**4929**	5008	5152	5316	5416	**5223**
Government	612	628	640	648	**632**	660	668	676	688	**673**
Gross domestic product at factor cost	**40496**	**40704**	**39976**	**41700**	**40719**	**42288**	**42652**	**43228**	**42872**	**42760**
Indirect taxes less subsidies	5508	5428	5332	5308	**5394**	5372	5144	5388	5680	**5396**
Indirect taxes	6060	6212	6200	6016	**6122**	6060	5848	6208	6408	**6131**
Subsidies	552	784	868	708	**728**	688	704	820	728	**735**
Gross domestic product at market prices	**46004**	**46132**	**45308**	**47008**	**46113**	**47660**	**47796**	**48616**	**48552**	**48156**

(1) Includes adjustment for grain transactions.

Income Account

Millions of Dollars – Seasonally Adjusted at Annual Rates

Table 18

I	II	III	IV	1984	I	II	III	IV	1985	
23492	24308	24548	25088	**24359**	25416	25620	26476	26596	**26027**	Wages & salaries
2460	2556	2596	2656	**2567**	2724	2752	2844	2860	**2795**	Supplementary labour income
272	272	276	280	**275**	268	272	276	280	**274**	Military pay & allowances
3256	3320	3284	3284	**3286**	3340	3416	3588	3808	**3538**	Corporation profits before taxes
5232	5452	5720	5644	**5512**	5720	5432	5368	6008	**5632**	Interest & miscellaneous investment income
36	-4	312	224	**142**	184	244	-316	92	**51**	Accrued net income of farm operators from farm production (1)
3296	3240	3260	3412	**3302**	3540	3644	3792	3860	**3709**	Net income of non-farm unincorporated business
1396	1368	1408	1492	**1416**	1568	1572	1600	1684	**1606**	Rent
1900	1872	1852	1920	**1886**	1972	2072	2192	2176	**2103**	Other income
-472	-44	-84	-368	**-242**	-244	-212	-72	-124	**-163**	Inventory valuation adjustment
37572	**39100**	**39912**	**40220**	**39201**	**40948**	**41168**	**41956**	**43380**	**41863**	**Net domestic income at factor cost**
6020	6168	6284	6412	**6221**	6560	6712	6780	6880	**6733**	Capital consumption allowances
5320	5456	5564	5680	**5505**	5836	5976	6036	6124	**5993**	Business
700	712	720	732	**716**	724	736	744	756	**740**	Government
43592	**45268**	**46196**	**46632**	**45422**	**47508**	**47880**	**48736**	**50260**	**48596**	**Gross domestic product at factor cost**
5596	5672	5616	5908	**5698**	5656	5784	6120	6056	**5904**	Indirect taxes less subsidies
6400	6472	6580	6780	**6558**	6552	6700	6776	6972	**6750**	Indirect taxes
804	800	964	872	**860**	896	916	656	916	**846**	Subsidies
49188	**50940**	**51812**	**52540**	**51120**	**53164**	**53664**	**54856**	**56316**	**54500**	**Gross domestic product at market prices**

(1) Includes adjustment for grain transactions.

Table 18

Income Account

Millions of Dollars – Seasonally Adjusted at Annual Rates

	I	II	III	IV	1986	I	II	III	IV	1987
Wages & salaries	26908	27268	27444	27536	27289	28980	29272	30008	30592	29713
Supplementary labour income	2756	2800	2804	2812	2793	2780	2808	2860	2912	2840
Military pay & allowances	280	276	296	296	287	304	308	308	308	307
Corporation profits before taxes	3988	4196	4216	4416	4204	5508	5856	6080	6264	5927
Interest & miscellaneous investment income	5668	5716	5752	5552	5672	6184	5776	5992	6200	6038
Accrued net income of farm operators from farm production (1)	176	196	20	112	126	140	164	208	176	172
Net income of non-farm unincorporated business	3896	3964	4056	3988	3976	4128	4088	4236	4288	4185
Rent	1720	1736	1740	1724	1730	1764	1708	1716	1756	1736
Other income	2176	2228	2316	2264	2246	2364	2380	2520	2532	2449
Inventory valuation adjustment	-240	-76	-388	-288	-248	-152	-264	-468	-472	-339
Net domestic income at factor cost	43432	44340	44200	44424	44099	47872	48008	49224	50268	48843
Capital consumption allowances	7060	7164	7276	7340	7210	7188	7340	7500	7700	7432
Business	6304	6400	6508	6564	6444	6408	6552	6700	6884	6636
Government	756	764	768	776	766	780	788	800	816	796
Gross domestic product at factor cost	50492	51504	51476	51764	51309	55060	55348	56724	57968	56275
Indirect taxes less subsidies	6172	6088	6124	5756	6035	6084	6416	6816	7096	6603
Indirect taxes	7068	7236	7220	7012	7134	7256	7280	7620	7932	7522
Subsidies	896	1148	1096	1256	1099	1172	864	804	836	919
Gross domestic product at market prices	56664	57592	57600	57520	57344	61144	61764	63540	65064	62878

(1) Includes adjustment for grain transactions.

Income Account

Millions of Dollars – Seasonally Adjusted at Annual Rates

Table 18

I	II	III	IV	1988	I	II	III	IV	1989	
31440	32156	33064	33900	**32640**	35068	35952	37132	38340	**36623**	Wages & salaries
3056	3180	3268	3352	**3214**	3328	3448	3532	3648	**3489**	Supplementary labour income
316	316	320	320	**318**	320	344	336	340	**335**	Military pay & allowances
6416	6896	6756	7052	**6780**	7080	6572	6260	5996	**6477**	Corporation profits before taxes
6068	6900	7244	7508	**6930**	8480	8648	8452	9404	**8746**	Interest & miscellaneous investment income
192	220	188	184	**196**	176	116	52	144	**122**	Accrued net income of farm operators from farm production (1)
4404	4480	4440	4748	**4518**	4696	4768	4856	4940	**4815**	Net income of non-farm unincorporated business
1776	1768	1776	1788	**1777**	1784	1808	1832	1852	**1819**	Rent
2628	2712	2664	2960	**2741**	2912	2960	3024	3088	**2996**	Other income
-240	-404	-232	-352	**-307**	-348	-268	-108	-48	**-193**	Inventory valuation adjustment
51652	**53744**	**55048**	**56712**	**54289**	**58800**	**59580**	**60512**	**62764**	**60414**	**Net domestic income at factor cost**
7748	7896	8020	8136	**7950**	8340	8444	8608	8648	**8510**	Capital consumption allowances
6912	7044	7152	7248	**7089**	7436	7524	7672	7692	**7581**	Business
836	852	868	888	**861**	904	920	936	956	**929**	Government
59400	**61640**	**63068**	**64848**	**62239**	**67140**	**68024**	**69120**	**71412**	**68924**	**Gross domestic product at factor cost**
7172	7168	7212	7548	**7275**	7896	7904	8028	8164	**7998**	Indirect taxes less subsidies
7964	7996	8112	8440	**8128**	8888	8916	9080	9260	**9036**	Indirect taxes
792	828	900	892	**853**	992	1012	1052	1096	**1038**	Subsidies
66572	**68808**	**70280**	**72396**	**69514**	**75036**	**75928**	**77148**	**79576**	**76922**	**Gross domestic product at market prices**

(1) Includes adjustment for grain transactions.

Table 18

Income Account

Millions of Dollars – Seasonally Adjusted at Annual Rates

	I	II	III	IV	1990	I	II	III	IV	1991
Wages & salaries	38636	39176	39844	40428	**39521**	40852	41616	41832	42500	**41700**
Supplementary labour income	3748	3808	3836	3900	**3823**	4016	4104	4284	4364	**4192**
Military pay & allowances	336	332	376	356	**350**	364	356	352	352	**356**
Corporation profits before taxes	5400	4720	4648	4524	**4823**	2788	3520	3316	2924	**3137**
Interest & miscellaneous investment income	9600	9768	10272	9960	**9900**	9228	9528	9188	9140	**9271**
Accrued net income of farm operators from farm production (1)	144	56	356	216	**193**	136	76	500	352	**266**
Net income of non-farm unincorporated business	5116	5060	5128	5088	**5098**	5132	5356	5260	5528	**5319**
Rent	1856	1880	1884	1888	**1877**	1920	1928	1948	1964	**1940**
Other income	3260	3180	3244	3200	**3221**	3212	3428	3312	3564	**3379**
Inventory valuation adjustment	-280	4	-136	540	**32**	356	288	116	-80	**170**
Net domestic income at factor cost	**62700**	**62924**	**64324**	**65012**	**63740**	**62872**	**64844**	**64848**	**65080**	**64411**
Capital consumption allowances	8872	8920	8992	9096	**8970**	9268	9412	9512	9676	**9467**
Business	7892	7924	7972	8060	**7962**	8212	8336	8420	8568	**8384**
Government	980	996	1020	1036	**1008**	1056	1076	1092	1108	**1083**
Gross domestic product at factor cost	**71572**	**71844**	**73316**	**74108**	**72710**	**72140**	**74256**	**74360**	**74756**	**73878**
Indirect taxes less subsidies	7752	8180	8192	7864	**7997**	9192	9412	9600	9824	**9507**
Indirect taxes	8856	9300	9288	9080	**9131**	10620	10804	11124	11280	**10957**
Subsidies	1104	1120	1096	1216	**1134**	1428	1392	1524	1456	**1450**
Gross domestic product at market prices	**79324**	**80024**	**81508**	**81972**	**80707**	**81332**	**83668**	**83960**	**84580**	**83385**

(1) Includes adjustment for grain transactions.

Table 19

Expenditure Account

Millions of 1986 Dollars – Seasonally Adjusted at Annual Rates

	I	II	III	IV	1982	I	II	III	IV	1983
Personal expenditure	32173	31467	31012	31204	**31464**	31406	31777	32017	32204	**31851**
Durable goods	3817	3521	3453	3489	**3570**	3515	3759	3823	3863	**3740**
Motor vehicles, parts & repairs	1772	1552	1520	1476	**1580**	1488	1664	1672	1768	**1648**
Furniture & household appliances	840	812	784	812	**812**	820	828	848	836	**833**
Other durables	1200	1152	1144	1196	**1173**	1200	1260	1296	1252	**1252**
Semi-durable goods	3243	3183	3075	3063	**3141**	3063	3079	3111	3063	**3079**
Clothing & footwear	1752	1756	1700	1700	**1727**	1712	1704	1720	1696	**1708**
Other semi-durables	1496	1432	1380	1368	**1419**	1356	1380	1396	1372	**1376**
Non-durable goods	9714	9459	9211	9156	**9385**	9235	9199	9311	9271	**9254**
Foods & non-alcoholic beverages	4184	4060	3996	4008	**4062**	4028	4124	4144	4200	**4124**
Motor fuels & lubricants	1132	1100	1076	1064	**1093**	1040	1028	1048	1032	**1037**
Electricity, gas & other fuels	1000	980	908	908	**949**	892	880	920	864	**889**
Other non-durables	3420	3340	3252	3196	**3302**	3284	3176	3208	3184	**3213**
Services	15474	15378	15346	15570	**15442**	15653	15801	15833	16069	**15839**
Gross rent (imputed & paid)	6552	6620	6692	6796	**6665**	6856	6896	6960	7016	**6932**
Restaurants & hotels	2364	2296	2236	2312	**2302**	2188	2248	2264	2276	**2244**
Other services	6544	6448	6404	6448	**6461**	6588	6636	6588	6756	**6642**
Government current expenditure on goods & services	9748	9828	9960	10356	**9973**	10004	10208	10124	9888	**10056**
Government investment: fixed capital	1264	1264	965	1272	**1191**	1409	1405	1250	1107	**1293**
Construction	1112	1124	828	1140	**1051**	1272	1268	1100	948	**1147**
Machinery & equipment	156	144	140	136	**144**	144	144	156	164	**152**
Business investment: fixed capital	10334	9526	8779	9260	**9475**	8643	9285	9289	8951	**9042**
Residential construction	3438	2732	2402	2801	**2843**	2720	3165	3145	2846	**2969**
New construction	1908	1424	1064	1080	**1369**	1372	1688	1680	1484	**1556**
Alterations & improvements	884	780	772	876	**828**	876	960	984	928	**937**
Transfer costs (commissions)	208	180	260	488	**284**	416	452	416	376	**415**
Non-residential construction	3800	3832	3768	3764	**3791**	4052	4092	4060	4040	**4061**
Machinery & equipment	3324	3116	2736	2864	**3010**	2060	2236	2292	2260	**2212**
Final domestic demand	**53947**	**52513**	**51143**	**52525**	**52532**	**51781**	**53008**	**53012**	**52475**	**52569**
Government investment: inventories	20	20	16	-24	**8**	8	-8	-20	0	**-5**
Business investment: inventories	-1351	-1535	-1443	-1627	**-1489**	-936	-280	-84	392	**-227**
Non-farm inventories	-1356	-1584	-1404	-1600	**-1486**	-916	-288	-136	432	**-227**
Farm inventories	4	48	-40	-28	**-4**	-20	8	52	-40	**0**
External trade (1)										
Exports, rest of Canada	3932	3948	3868	3832	**3895**	3884	4012	4188	4392	**4119**
Exports, rest of world	10544	9348	10232	9748	**9968**	10076	11408	10208	11920	**10903**
Imports, rest of Canada	-8584	-8188	-7720	-7856	**-8087**	-7484	-7656	-7752	-7476	**-7592**
Imports, rest of world	-7384	-6548	-6208	-5984	**-6531**	-6388	-6840	-6880	-7404	**-6878**
Net service exports plus statistical discrepancy	484	2564	1884	1020	**1488**	684	-1880	-448	-1160	**-701**
Gross domestic product at market prices	**50824**	**51349**	**51015**	**50863**	**51013**	**51291**	**51426**	**51884**	**52797**	**51849**

(1) Merchandise only. Services are included in Net service exports.

Table 19

Expenditure Account

Millions of 1986 Dollars – Seasonally Adjusted at Annual Rates

	I	II	III	IV	1984	I	II	III	IV	1985
Personal expenditure	32822	32882	32738	33234	32919	33716	34128	34740	35400	34496
Durable goods	4054	4062	4002	4074	4048	4205	4385	4525	4745	4465
Motor vehicles, parts & repairs	1816	1792	1804	1852	1816	1932	2060	2080	2292	2091
Furniture & household appliances	864	880	864	864	868	880	904	944	952	920
Other durables	1368	1384	1328	1352	1358	1392	1420	1500	1500	1453
Semi-durable goods	3197	3173	3105	3141	3154	3111	3155	3259	3251	3194
Clothing & footwear	1772	1764	1740	1748	1756	1760	1784	1836	1828	1802
Other semi-durables	1428	1412	1368	1396	1401	1352	1372	1424	1424	1393
Non-durable goods	9339	9479	9327	9511	9414	9450	9450	9594	9866	9590
Foods & non-alcoholic beverages	4256	4260	4228	4216	4240	4228	4300	4364	4460	4338
Motor fuels & lubricants	1044	1048	1020	1056	1042	1024	1024	1028	1020	1024
Electricity, gas & other fuels	816	944	884	1028	918	980	872	928	1120	975
Other non-durables	3224	3228	3196	3212	3215	3220	3256	3276	3268	3255
Services	16271	16207	16343	16547	16342	16965	17153	17377	17553	17262
Gross rent (imputed & paid)	6908	6964	7040	7100	7003	7356	7412	7488	7568	7456
Restaurants & hotels	2280	2288	2316	2356	2310	2372	2336	2384	2456	2387
Other services	7072	6944	6976	7080	7018	7220	7388	7488	7512	7402
Government current expenditure on goods & services	9900	9876	10020	10180	9994	10020	10280	9840	10196	10084
Government investment: fixed capital	1274	1302	1367	1375	1330	1619	1723	1683	1611	1659
Construction	992	1036	1068	1084	1045	1408	1520	1492	1420	1460
Machinery & equipment	272	256	288	280	274	216	208	196	196	204
Business investment: fixed capital	8539	8443	8363	8347	8423	8565	8689	8908	9135	8824
Residential construction	2849	2678	2644	2524	2674	2657	2801	2982	3060	2875
New construction	1300	1212	1216	1048	1194	1168	1336	1424	1476	1351
Alterations & improvements	960	916	912	932	930	1000	924	912	992	957
Transfer costs (commissions)	404	376	344	380	376	416	464	564	508	488
Non-residential construction	3628	3576	3532	3508	3561	3384	3332	3264	3340	3330
Machinery & equipment	2236	2352	2348	2468	2351	2632	2668	2780	2856	2734
Final domestic demand	**52686**	**52654**	**52638**	**53287**	**52816**	**54101**	**55003**	**55356**	**56531**	**55248**
Government investment: inventories	-12	4	16	0	2	-8	-4	-4	-8	-6
Business investment: inventories	-2211	431	830	515	-109	-294	-171	524	440	125
Non-farm inventories	-2152	428	760	568	-99	-336	-172	716	392	150
Farm inventories	-64	4	72	-52	-10	40	0	-188	52	-24
External trade (1)										
Exports, rest of Canada	4284	4300	4380	4480	4361	4616	4692	4848	4892	4762
Exports, rest of world	10508	11704	13168	12780	12040	13064	12648	13168	13556	13109
Imports, rest of Canada	-7580	-7364	-7460	-7564	-7492	-7708	-7916	-7952	-8088	-7916
Imports, rest of world	-7956	-8120	-8648	-8348	-8268	-8676	-9308	-9408	-10060	-9363
Net service exports plus statistical discrepancy	1720	256	-1332	-92	138	812	1092	688	1048	910
Gross domestic product at market prices	**51000**	**53419**	**53148**	**54604**	**53043**	**55661**	**55789**	**56975**	**58061**	**56621**

(1) Merchandise only. Services are included in Net service exports.

Expenditure Account

Table 19

Millions of 1986 Dollars – Seasonally Adjusted at Annual Rates

I	II	III	IV	1986	I	II	III	IV	1987	
36047	36455	37051	36391	**36486**	36603	37527	37911	38407	**37612**	**Personal expenditure**
4960	4708	4932	4772	**4843**	4967	5311	5451	5503	**5308**	Durable goods
2340	2176	2408	2228	**2288**	2336	2544	2604	2620	**2526**	Motor vehicles, parts & repairs
972	976	936	960	**961**	1012	1056	1064	1080	**1053**	Furniture & household appliances
1648	1556	1588	1584	**1594**	1620	1712	1784	1804	**1730**	Other durables
3298	3326	3398	3306	**3332**	3413	3457	3413	3469	**3438**	Semi-durable goods
1856	1904	1956	1884	**1900**	1952	1964	1924	1936	**1944**	Clothing & footwear
1440	1420	1440	1420	**1430**	1460	1492	1488	1532	**1493**	Other semi-durables
9542	9762	9858	9598	**9690**	9516	9784	9840	9848	**9747**	Non-durable goods
4436	4400	4480	4368	**4421**	4368	4520	4588	4660	**4534**	Foods & non-alcoholic beverages
964	1040	1052	1056	**1028**	1076	1044	1032	988	**1035**	Motor fuels & lubricants
912	972	952	864	**925**	872	924	940	872	**902**	Electricity, gas & other fuels
3228	3348	3372	3308	**3314**	3200	3296	3280	3328	**3276**	Other non-durables
18247	18659	18863	18715	**18621**	18707	18975	19207	19587	**19119**	Services
7652	7712	7776	7844	**7746**	7968	8036	8116	8200	**8080**	Gross rent (imputed & paid)
2580	2776	2800	2636	**2698**	2428	2548	2512	2660	**2537**	Restaurants & hotels
8016	8172	8288	8236	**8178**	8312	8392	8580	8728	**8503**	Other services
10240	10140	10172	10188	**10185**	10464	10320	10144	10424	**10338**	**Government current expenditure on goods & services**
1486	1358	1466	1422	**1433**	1367	1363	1427	1567	**1431**	**Government investment: fixed capital**
1284	1144	1260	1208	**1224**	1084	1076	1116	1236	**1128**	Construction
200	212	204	212	**207**	284	288	312	332	**304**	Machinery & equipment
8376	8472	8400	8656	**8476**	9186	9702	10250	10490	**9907**	**Business investment: fixed capital**
2979	3115	3159	3295	**3137**	3598	3838	4098	4074	**3902**	Residential construction
1672	1668	1676	1820	**1709**	1816	2032	2348	2424	**2155**	New construction
868	880	876	908	**883**	840	864	876	848	**857**	Alterations & improvements
440	568	608	568	**546**	940	940	872	800	**888**	Transfer costs (commissions)
2608	2584	2540	2572	**2576**	2576	2604	2600	2656	**2609**	Non-residential construction
2788	2772	2700	2788	**2762**	3012	3260	3552	3760	**3396**	Machinery & equipment
56149	**56425**	**57089**	**56657**	**56580**	**57620**	**58912**	**59732**	**60888**	**59288**	**Final domestic demand**
0	0	-12	4	**-2**	0	-4	-8	0	**-3**	**Government investment: inventories**
336	52	-248	116	**64**	816	508	252	924	**625**	**Business investment: inventories**
252	148	-248	68	**55**	1016	208	260	1076	**640**	Non-farm inventories
84	-96	0	48	**9**	-200	300	-8	-152	**-15**	Farm inventories
										External trade (1)
4972	4996	4828	4732	**4882**	5032	5048	5188	5276	**5136**	Exports, rest of Canada
13744	13768	13264	12236	**13253**	15296	14364	15444	15664	**15192**	Exports, rest of world
-8176	-8208	-8212	-8164	**-8190**	-8340	-8488	-8668	-8872	**-8592**	Imports, rest of Canada
-10284	-10092	-10588	-10568	**-10383**	-9864	-10512	-11348	-12000	**-10931**	Imports, rest of world
600	1236	1284	1436	**1139**	-848	-648	-24	-1404	**-731**	**Net service exports plus statistical discrepancy**
57340	**58176**	**57404**	**56448**	**57342**	**59713**	**59181**	**60569**	**60477**	**59985**	**Gross domestic product at market prices**

(1) Merchandise only. Services are included in Net service exports.

Table 19

Expenditure Account

Millions of 1986 Dollars – Seasonally Adjusted at Annual Rates

	I	II	III	IV	1988	I	II	III	IV	1989
Personal expenditure	38913	38853	39549	40289	**39401**	40402	41126	41674	42498	**41425**
Durable goods	5643	5599	5759	6095	**5774**	5895	6167	6223	6383	**6167**
Motor vehicles, parts & repairs	2684	2608	2724	2872	**2722**	2824	2988	2912	2992	**2929**
Furniture & household appliances	1096	1124	1140	1168	**1132**	1116	1152	1204	1212	**1171**
Other durables	1864	1868	1896	2056	**1921**	1956	2028	2108	2180	**2068**
Semi-durable goods	3456	3452	3516	3632	**3514**	3480	3564	3636	3700	**3595**
Clothing & footwear	1916	1908	1948	1980	**1938**	1932	1992	2032	2040	**1999**
Other semi-durables	1540	1544	1568	1652	**1576**	1548	1572	1604	1660	**1596**
Non-durable goods	10193	9877	10149	10169	**10097**	10271	10223	10367	10671	**10383**
Foods & non-alcoholic beverages	4788	4600	4776	4764	**4732**	4760	4884	4924	5168	**4934**
Motor fuels & lubricants	1064	1004	1012	1016	**1024**	1072	1064	1076	1060	**1068**
Electricity, gas & other fuels	964	992	1020	1016	**998**	1104	916	1012	1024	**1014**
Other non-durables	3376	3280	3340	3372	**3342**	3336	3360	3356	3420	**3368**
Services	19621	19925	20125	20393	**20016**	20756	21172	21448	21744	**21280**
Gross rent (imputed & paid)	8324	8424	8516	8616	**8470**	8708	8816	8916	9028	**8867**
Restaurants & hotels	2676	2624	2632	2564	**2624**	2648	2728	2740	2848	**2741**
Other services	8620	8876	8976	9212	**8921**	9400	9628	9792	9868	**9672**
Government current expenditure on goods & services	10480	10544	10808	10608	**10610**	10360	10536	10508	10536	**10485**
Government investment: fixed capital	1186	1254	1282	1378	**1275**	1716	1768	1772	1812	**1767**
Construction	880	948	964	1048	**960**	1344	1380	1388	1420	**1383**
Machinery & equipment	304	304	316	328	**313**	372	388	384	392	**384**
Business investment: fixed capital	11080	11868	12312	12584	**11961**	13492	13624	14232	15324	**14168**
Residential construction	3916	4360	4516	4648	**4360**	5160	4972	5340	6032	**5376**
New construction	2144	2244	2444	2584	**2354**	2776	2828	2900	3216	**2930**
Alterations & improvements	868	912	920	936	**909**	1044	1068	1080	1100	**1073**
Transfer costs (commissions)	904	1204	1152	1128	**1097**	1340	1076	1360	1716	**1373**
Non-residential construction	3016	3060	3088	3152	**3079**	3376	3436	3504	3560	**3469**
Machinery & equipment	4148	4448	4708	4784	**4522**	4956	5216	5388	5732	**5323**
Final domestic demand	**61658**	**62518**	**63950**	**64858**	**63246**	**65970**	**67054**	**68186**	**70170**	**67845**
Government investment: inventories	4	0	4	8	**4**	-4	-8	4	12	**1**
Business investment: inventories	661	573	477	-12	**425**	-1665	451	315	196	**-176**
Non-farm inventories	816	108	452	136	**378**	-1632	532	344	160	**-149**
Farm inventories	-156	464	24	-148	**46**	-36	-80	-28	36	**-27**
External trade (1)										
Exports, rest of Canada	5284	5288	5268	5248	**5272**	5384	5360	5448	5488	**5420**
Exports, rest of world	15772	16272	15264	15980	**15822**	16248	14964	16376	15776	**15841**
Imports, rest of Canada	-9052	-9124	-9264	-9340	**-9195**	-9340	-9528	-9572	-9820	**-9565**
Imports, rest of world	-12864	-12996	-13012	-13644	**-13129**	-14200	-14820	-14560	-14596	**-14544**
Net service exports plus statistical discrepancy	36	656	876	1156	**681**	2376	2176	52	488	**1273**
Gross domestic product at market prices	**61500**	**63188**	**63564**	**64256**	**63127**	**64767**	**65651**	**66251**	**67715**	**66096**

(1) Merchandise only. Services are included in Net service exports.

Expenditure Account

Table 19

Millions of 1986 Dollars – Seasonally Adjusted at Annual Rates

I	II	III	IV	1990	I	II	III	IV	1991	
42985	42513	42597	42325	**42605**	41956	42568	43016	43096	**42659**	**Personal expenditure**
6729	6325	6281	6161	**6374**	5767	6167	6259	6131	**6081**	Durable goods
3204	2936	2992	2876	**3002**	2816	2920	2936	2768	**2860**	Motor vehicles, parts & repairs
1232	1212	1192	1212	**1212**	1040	1132	1164	1208	**1136**	Furniture & household appliances
2296	2180	2100	2076	**2163**	1912	2116	2160	2156	**2086**	Other durables
3837	3733	3673	3669	**3728**	3491	3615	3631	3603	**3585**	Semi-durable goods
2104	2036	2028	2064	**2058**	1920	1964	1956	1940	**1945**	Clothing & footwear
1732	1696	1644	1604	**1669**	1572	1652	1676	1664	**1641**	Other semi-durables
10648	10628	10516	10448	**10560**	10580	10516	10760	10752	**10652**	Non-durable goods
5188	5168	5056	4960	**5093**	5108	5072	5248	5212	**5160**	Foods & non-alcoholic beverages
1016	1016	992	1036	**1015**	980	1016	1024	1016	**1009**	Motor fuels & lubricants
1032	1004	1052	1136	**1056**	1060	1116	1140	1168	**1121**	Electricity, gas & other fuels
3412	3440	3416	3316	**3396**	3432	3312	3348	3356	**3362**	Other non-durables
21771	21827	22127	22047	**21943**	22118	22270	22366	22610	**22341**	Services
9112	9248	9392	9524	**9319**	9608	9724	9824	9928	**9771**	Gross rent (imputed & paid)
2852	2808	2772	2668	**2775**	2564	2520	2528	2656	**2567**	Restaurants & hotels
9808	9772	9964	9856	**9850**	9948	10028	10016	10028	**10005**	Other services
10764	10676	10844	10936	**10805**	11016	11164	11192	11264	**11159**	**Government current expenditure on goods & services**
1888	1956	2044	2140	**2007**	2162	2358	2222	2286	**2257**	**Government investment: fixed capital**
1504	1584	1668	1760	**1629**	1772	1964	1820	1868	**1856**	Construction
384	372	376	380	**378**	388	392	400	416	**399**	Machinery & equipment
15408	14808	14152	14276	**14661**	13488	14560	15224	15092	**14591**	**Business investment: fixed capital**
6108	5716	5300	5068	**5548**	4960	5576	5756	6028	**5580**	Residential construction
3696	3696	3104	2896	**3348**	2692	2732	3244	3592	**3065**	New construction
1292	1228	1188	1192	**1225**	944	980	1020	1012	**989**	Alterations & improvements
1120	792	1008	980	**975**	1324	1864	1492	1424	**1526**	Transfer costs (commissions)
3356	3404	3448	3520	**3432**	3624	3636	3656	3656	**3643**	Non-residential construction
5944	5688	5404	5688	**5681**	4904	5348	5812	5408	**5368**	Machinery & equipment
71046	**69954**	**69638**	**69678**	**70079**	**68622**	**70650**	**71654**	**71738**	**70666**	**Final domestic demand**
8	8	4	0	**5**	0	4	0	-16	**-3**	**Government investment: inventories**
1983	-104	-224	-380	**318**	-406	-159	339	518	**73**	**Business investment: inventories**
1952	8	-232	-476	**313**	-432	-132	356	480	**68**	Non-farm inventories
28	-112	8	96	**5**	24	-28	-16	40	**5**	Farm inventories
										External trade (1)
5352	5252	5136	5108	**5212**	4912	5140	5216	5216	**5121**	Exports, rest of Canada
16080	15596	15304	15600	**15645**	15008	16140	15972	15400	**15630**	Exports, rest of world
-10044	-9916	-9808	-9688	**-9864**	-9364	-9896	-10160	-10192	**-9903**	Imports, rest of Canada
-14904	-15092	-15024	-14732	**-14938**	-14624	-14864	-16480	-16792	**-15690**	Imports, rest of world
-1504	1516	2764	3164	**1485**	2344	768	2368	2668	**2037**	**Net service exports plus statistical discrepancy**
68016	**67216**	**67792**	**68752**	**67944**	**66493**	**67785**	**68913**	**68545**	**67934**	**Gross domestic product at market prices**

(1) Merchandise only. Services are included in Net service exports.

Table 20

Gross Domestic Product at Factor Cost by Industry

Millions of 1986 Dollars – Seasonally Adjusted at Annual Rates

	I	II	III	IV	1982	I	II	III	IV	1983
Total goods	**13600**	**12928**	**11972**	**12508**	**12752**	**13548**	**13964**	**14384**	**13808**	**13926**
Business sector	13524	12844	11884	12436	**12672**	13468	13892	14300	13724	**13846**
Agriculture	564	548	636	576	**581**	572	324	788	684	**592**
Fishing & trapping	224	216	192	200	**208**	220	200	188	212	**205**
Mining	968	916	812	884	**895**	932	940	976	1080	**982**
Manufacturing	6044	5712	5496	5508	**5690**	5800	6176	6224	6392	**6148**
Construction	3788	3528	2676	3460	**3363**	3752	3892	3556	3124	**3581**
Total services	**31620**	**31312**	**31528**	**32160**	**31655**	**31176**	**30632**	**30840**	**30940**	**30897**
Business sector	23648	23376	23616	24144	**23696**	23132	22716	23040	23176	**23016**
Transportation & storage	2692	2596	2620	2580	**2622**	2664	2548	2644	2652	**2627**
Communications	1644	1628	1620	1620	**1628**	1612	1592	1600	1564	**1592**
Wholesale trade	2172	2028	1972	2080	**2063**	1972	1832	1936	1960	**1925**
Retail trade	3764	3636	3404	3372	**3544**	3624	3708	3828	3808	**3742**
Finance, insurance & real estate	6652	6936	7636	8208	**7358**	7384	7368	7420	7416	**7397**
Services to business	2352	2256	2304	2144	**2264**	1856	1708	1672	1744	**1745**
Education	76	76	76	80	**77**	80	84	84	84	**83**
Accommodation & food	1796	1752	1664	1764	**1744**	1744	1740	1692	1740	**1729**
Non-business sector	7936	7924	7936	8008	**7951**	7996	7912	7820	7768	**7874**
Transportation & storage	328	320	316	308	**318**	300	288	296	292	**294**
Education	2456	2424	2396	2408	**2421**	2436	2416	2416	2400	**2417**
Hospitals	1328	1328	1320	1320	**1324**	1388	1352	1356	1336	**1358**
Other health services	316	320	316	324	**319**	340	340	344	340	**341**
Public administration & defence	2960	3012	3068	3152	**3048**	3096	3084	3020	2932	**3033**
Gross domestic product at factor cost	**45200**	**44184**	**43408**	**44636**	**44357**	**44680**	**44592**	**45356**	**44748**	**44844**

Components do not sum to the totals and subtotals due to only selected series being seasonally adjusted.

Gross Domestic Product at Factor Cost by Industry

Table 20

Millions of 1986 Dollars – Seasonally Adjusted at Annual Rates

I	II	III	IV	1984	I	II	III	IV	1985	
13624	**13740**	**14960**	**14736**	**14265**	**15440**	**15740**	**15864**	**16236**	**15820**	**Total goods**
13568	13676	14880	14660	**14196**	15424	15728	15852	16216	**15805**	**Business sector**
524	292	780	684	**570**	768	708	360	548	**596**	Agriculture
164	172	176	200	**178**	316	364	388	320	**347**	Fishing & trapping
1180	1284	1308	1308	**1270**	1328	1300	1360	1400	**1347**	Mining
6312	6256	6744	6744	**6514**	6792	7144	7440	7504	**7220**	Manufacturing
3012	3080	3196	3152	**3110**	3232	3456	3484	3412	**3396**	Construction
31592	**32536**	**32608**	**32892**	**32407**	**33840**	**33324**	**33752**	**34420**	**33834**	**Total services**
23724	24552	24572	24820	**24417**	25640	25228	25568	26208	**25661**	**Business sector**
2732	2868	2820	2948	**2842**	3188	3192	3292	3380	**3263**	Transportation & storage
1548	1624	1628	1680	**1620**	1636	1584	1656	1740	**1654**	Communications
2056	2228	2220	2284	**2197**	2580	2416	2476	2464	**2484**	Wholesale trade
3760	3912	3900	3804	**3844**	3548	3424	3424	3532	**3482**	Retail trade
7712	7856	7856	7780	**7801**	8512	8556	8464	8728	**8565**	Finance, insurance & real estate
1776	1924	1932	2004	**1909**	1884	1840	1832	1876	**1858**	Services to business
88	88	88	88	**88**	88	88	88	88	**88**	Education
1708	1704	1740	1692	**1711**	1680	1632	1664	1664	**1660**	Accommodation & food
7836	7980	8044	8076	**7984**	8172	8096	8196	8208	**8168**	**Non-business sector**
316	332	324	332	**326**	356	352	360	356	**356**	Transportation & storage
2388	2428	2388	2372	**2394**	2432	2392	2424	2404	**2413**	Education
1312	1360	1404	1424	**1375**	1376	1348	1344	1376	**1361**	Hospitals
336	344	364	376	**355**	456	452	460	472	**460**	Other health services
3100	3068	3112	3108	**3097**	3100	3072	3108	3116	**3099**	Public administration & defence
45144	**46280**	**47692**	**47592**	**46677**	**49188**	**49228**	**49796**	**50596**	**49702**	**Gross domestic product at factor cost**

Components do not sum to the totals and subtotals due to only selected series being seasonally adjusted.

Table 20 Gross Domestic Product at Factor Cost by Industry

Millions of 1986 Dollars – Seasonally Adjusted at Annual Rates

	I	II	III	IV	1986	I	II	III	IV	1987
Total goods	**16340**	**15800**	**15380**	**14908**	**15607**	**17296**	**16832**	**17516**	**18020**	**17416**
Business sector	16196	15648	15244	14784	**15468**	17148	16696	17380	17884	**17277**
Agriculture	604	644	528	560	**584**	652	616	704	696	**667**
Fishing & trapping	284	288	272	240	**271**	196	204	216	212	**207**
Mining	1404	1324	1332	1424	**1371**	1444	1484	1556	1660	**1536**
Manufacturing	7624	7580	7156	6944	**7326**	8048	7840	8244	8424	**8139**
Construction	3448	3164	3416	3340	**3342**	3416	3508	3772	3988	**3671**
Total services	**34684**	**35656**	**36032**	**36432**	**35701**	**37048**	**37236**	**37496**	**37456**	**37309**
Business sector	26548	27404	27836	28144	**27483**	28716	28896	29208	29168	**28997**
Transportation & storage	3268	3384	3284	3396	**3333**	3460	3492	3548	3544	**3511**
Communications	1792	1812	1828	1868	**1825**	2056	2080	2092	2060	**2072**
Wholesale trade	2520	2736	2604	2628	**2622**	2668	2720	2740	2792	**2730**
Retail trade	3580	3552	3636	3660	**3607**	3708	3872	3888	3948	**3854**
Finance, insurance & real estate	8964	9148	9352	9628	**9273**	9696	9732	9880	9796	**9776**
Services to business	2056	2192	2420	2468	**2284**	2604	2560	2516	2576	**2564**
Education	88	88	88	92	**89**	84	84	84	88	**85**
Accommodation & food	1672	1776	1820	1668	**1734**	1712	1792	1784	1888	**1794**
Non-business sector	8136	8244	8196	8296	**8218**	8336	8324	8280	8308	**8312**
Transportation & storage	332	336	324	316	**327**	300	296	292	276	**291**
Education	2328	2360	2360	2372	**2355**	2392	2404	2404	2460	**2415**
Hospitals	1372	1384	1380	1412	**1387**	1484	1492	1464	1424	**1466**
Other health services	468	476	484	492	**480**	500	504	504	492	**500**
Public administration & defence	3172	3216	3160	3200	**3187**	3152	3148	3136	3152	**3147**
Gross domestic product at factor cost	**51056**	**51552**	**51428**	**51196**	**51308**	**54288**	**54204**	**55060**	**55344**	**54724**

Components do not sum to the totals and subtotals due to only selected series being seasonally adjusted.

Gross Domestic Product at Factor Cost by Industry

Table 20

Millions of 1986 Dollars – Seasonally Adjusted at Annual Rates

I	II	III	IV	1988	I	II	III	IV	1989	
17608	18236	18392	18900	18284	18820	18664	18732	19024	18810	**Total goods**
17468	18088	18228	18724	18127	18660	18496	18568	18844	18642	**Business sector**
648	728	676	656	677	688	644	640	700	668	Agriculture
164	212	236	208	205	268	268	240	252	257	Fishing & trapping
1672	1688	1732	1684	1694	1740	1744	1740	1764	1747	Mining
8452	8516	8436	8508	8478	8496	8284	8456	8344	8395	Manufacturing
3688	3924	4088	4320	4005	4444	4532	4616	4752	4586	Construction
38516	40104	40808	41128	40139	42388	42064	42864	44072	42847	**Total services**
30108	31520	32168	32660	31614	33656	33392	34016	35048	34028	**Business sector**
3840	3772	3848	3872	3833	4112	4024	4152	4212	4125	Transportation & storage
2172	2252	2228	2288	2235	2304	2308	2372	2372	2339	Communications
2980	3160	3252	3176	3142	3128	3164	3100	3084	3119	Wholesale trade
4136	4352	4400	4384	4318	4556	4616	4648	4752	4643	Retail trade
9968	10420	10620	10688	10424	11152	10836	11128	11584	11175	Finance, insurance & real estate
2732	3040	3248	3528	3137	3648	3724	3700	3944	3754	Services to business
88	88	88	88	88	92	96	100	100	97	Education
1820	1756	1780	1720	1769	1808	1824	1840	1920	1848	Accommodation & food
8404	8564	8612	8524	8526	8724	8660	8800	9084	8817	**Non-business sector**
320	300	296	288	301	256	240	236	236	242	Transportation & storage
2492	2540	2488	2448	2492	2608	2656	2780	2844	2722	Education
1464	1544	1572	1564	1536	1576	1508	1540	1620	1561	Hospitals
496	516	528	528	517	536	512	528	552	532	Other health services
3176	3176	3184	3156	3173	3220	3200	3208	3252	3220	Public administration & defence
56076	58420	59208	59988	58423	61280	60660	61560	63128	61657	**Gross domestic product at factor cost**

Components do not sum to the totals and subtotals due to only selected series being seasonally adjusted.

Table 20 Gross Domestic Product at Factor Cost by Industry

Millions of 1986 Dollars – Seasonally Adjusted at Annual Rates

	I	II	III	IV	1990	I	II	III	IV	1991
Total goods	18664	18856	18756	18276	18638	17928	19036	18848	18668	18620
Business sector	18500	18688	18580	18100	18467	17772	18860	18684	18512	18457
Agriculture	612	576	780	728	674	708	740	812	792	763
Fishing & trapping	296	240	248	248	258	240	200	192	196	207
Mining	1700	1760	1740	1736	1734	1768	1848	1816	1760	1798
Manufacturing	8204	7992	7764	7556	7879	7444	7744	7832	7824	7711
Construction	5020	5132	5012	5064	5057	4928	5168	5076	5224	5099
Total services	43724	43892	44408	44976	44250	43584	44392	43808	43880	43916
Business sector	34676	34772	35156	35760	35091	34168	35036	34388	34500	34523
Transportation & storage	3940	4224	4280	4416	4215	3860	4452	4256	4052	4155
Communications	2344	2372	2364	2332	2353	2168	2264	2180	2152	2191
Wholesale trade	2956	2856	2864	3156	2958	2864	2752	2660	2572	2712
Retail trade	4744	4772	4720	5084	4830	4492	4400	4384	4324	4400
Finance, insurance & real estate	11588	11596	11560	11520	11566	11580	11732	11648	12248	11802
Services to business	3780	3732	3964	4116	3898	4320	4412	4220	3884	4209
Education	100	104	104	104	103	104	104	108	108	106
Accommodation & food	2016	1992	1940	1864	1953	1716	1680	1684	1712	1698
Non-business sector	9020	9104	9220	9288	9158	9356	9340	9420	9456	9393
Transportation & storage	248	248	244	248	247	240	260	244	232	244
Education	2848	2868	2916	2904	2884	2932	2892	2976	3008	2952
Hospitals	1568	1580	1588	1608	1586	1612	1596	1616	1604	1607
Other health services	536	540	536	544	539	540	544	548	540	543
Public administration & defence	3244	3280	3360	3368	3313	3396	3424	3448	3480	3437
Gross domestic product at factor cost	62372	62740	63076	63360	62887	61564	63332	62588	62668	62538

Components do not sum to the totals and subtotals due to only selected series being seasonally adjusted.

Annual Implicit Price Deflators

Table 21

Expenditure Account

Implicit Price Deflators 1986 = 100

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Personal expenditure	85.3	90.4	93.8	96.6	100.0	103.1	106.7	111.2	116.8	122.9
Durable goods	90.7	93.1	94.8	95.9	100.0	101.7	104.8	108.3	109.6	111.4
Motor vehicles, parts & repairs	85.7	88.4	90.6	93.5	100.0	101.2	105.2	110.9	113.8	115.0
Furniture & household appliances	92.3	97.0	98.9	98.9	100.0	103.2	105.5	107.9	107.4	109.4
Other durables	96.8	97.3	98.2	97.3	100.0	101.5	103.9	104.7	104.9	107.7
Semi-durable goods	86.9	91.5	94.2	97.0	100.0	103.8	108.1	112.7	115.7	124.1
Clothing & footwear	88.6	92.9	95.7	98.2	100.0	103.0	108.0	111.9	114.3	123.9
Other semi-durables	84.5	89.5	92.1	95.3	100.0	104.9	108.3	113.8	117.5	124.3
Non-durable goods	83.8	88.7	94.2	97.9	100.0	104.5	108.1	111.9	119.5	126.2
Foods & non-alcoholic beverages	86.7	89.2	94.8	96.0	100.0	103.9	106.4	107.5	114.0	119.9
Motor fuels & lubricants	93.5	102.8	110.1	118.0	100.0	107.5	105.0	115.6	134.6	128.9
Electricity, gas & other fuels	82.8	91.1	95.4	99.6	100.0	99.7	102.0	101.7	106.4	115.9
Other non-durables	76.8	82.6	87.8	93.4	100.0	105.7	113.3	120.0	127.4	138.4
Services	84.2	90.2	93.1	96.0	100.0	102.7	106.3	111.5	117.7	124.3
Gross rent (imputed & paid)	87.5	93.0	95.8	97.9	100.0	102.1	105.5	112.5	119.0	123.3
Restaurants & hotels	81.3	86.4	89.3	93.1	100.0	101.7	106.1	111.2	117.4	129.7
Other services	82.0	88.8	91.9	95.2	100.0	103.6	107.1	110.7	116.6	124.0
Government current expenditure on goods & services	90.1	94.3	96.2	96.5	100.0	104.1	107.7	113.3	118.2	122.2
Government investment: fixed capital	93.5	95.7	98.4	100.8	100.0	99.9	103.1	105.7	109.0	106.9
Construction	91.8	94.3	97.2	99.5	100.0	100.4	105.4	108.6	112.6	112.2
Machinery & equipment	103.5	102.6	106.9	107.4	100.0	98.0	96.2	95.3	93.7	82.3
Business investment: fixed capital	101.2	100.0	101.7	100.7	100.0	103.6	107.8	115.9	116.4	118.0
Residential construction	101.7	100.5	103.0	100.3	100.0	106.7	116.6	133.0	132.8	145.6
New construction	126.8	105.5	114.5	104.2	100.0	105.5	112.2	124.0	127.7	126.2
Alterations & improvements	98.4	95.8	105.3	102.5	100.0	104.5	107.7	113.2	115.0	127.3
Transfer costs (commissions)	119.7	106.8	108.4	101.6	100.0	111.5	133.5	167.7	172.5	196.5
Non-residential construction	92.5	91.6	94.1	97.2	100.0	104.2	110.1	115.6	119.2	115.9
Machinery & equipment	105.9	105.7	104.6	101.3	100.0	99.6	97.7	98.8	98.8	90.6
Final domestic demand	**88.6**	**92.4**	**95.4**	**97.0**	**100.0**	**103.3**	**107.0**	**112.4**	**116.7**	**121.3**
External trade (1)										
Exports, rest of Canada	89.9	93.7	96.3	95.8	100.0	105.3	110.7	111.6	110.9	107.2
Exports, rest of world	91.9	93.0	98.3	96.9	100.0	105.9	109.3	113.2	108.1	98.5
Imports, rest of Canada	94.4	98.1	101.9	104.7	100.0	103.6	105.7	109.1	111.2	110.2
Imports, rest of world	86.9	87.7	93.6	96.2	100.0	98.0	97.2	97.4	97.5	94.6
Gross domestic product at market prices	**90.4**	**92.9**	**96.4**	**96.3**	**100.0**	**104.8**	**110.1**	**116.4**	**118.8**	**122.7**

(1) Merchandise only. Services are included in Net service exports.

Table 22

Gross Domestic Product – Goods

Implicit Price Deflators 1986 = 100

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Business sector	**91.4**	**93.9**	**96.0**	**96.3**	**100.0**	**104.2**	**110.6**	**113.6**	**114.5**	**110.1**
Agriculture	78.8	75.2	82.9	90.9	100.0	83.9	82.0	85.1	85.8	87.2
Fishing & trapping	67.2	60.4	77.8	68.1	100.0	148.0	139.2	131.9	146.5	174.1
Forestry & logging	97.7	96.1	92.5	91.2	100.0	108.6	117.3	116.0	114.8	115.7
Mining	128.1	127.8	127.6	125.7	100.0	108.1	116.9	112.4	117.9	107.2
Metals (1)	108.9	117.9	na	103.3	100.0	141.0	171.2	170.4	152.0	134.5
Industrial minerals (1)	129.1	138.7	na	133.7	100.0	102.0	106.0	119.5	131.9	123.4
Petroleum & natural gas	120.1	120.6	124.0	130.1	100.0	100.2	100.6	90.2	115.2	99.3
Coal	140.8	132.4	124.9	117.7	100.0	89.5	89.3	88.6	91.1	86.3
Services related to mining	87.4	88.7	92.9	99.2	100.0	107.1	124.0	130.8	134.6	146.4
Manufacturing	83.0	90.0	92.1	90.2	100.0	106.8	114.1	118.5	116.5	108.9
Non-durables	83.1	83.4	92.3	89.6	100.0	111.0	122.0	127.3	123.7	110.7
Food & beverages	89.7	97.5	100.8	98.8	100.0	105.5	111.7	114.5	111.9	110.9
Paper & allied	79.3	71.3	91.5	79.5	100.0	126.5	142.2	150.6	144.7	115.7
Petroleum & coal products (1)	63.3	90.3	na	92.4	100.0	32.7	30.3	31.4	36.3	35.5
Chemicals (1)	78.3	76.3	na	93.0	100.0	100.4	108.5	112.4	109.6	111.0
Other non-durables	81.0	86.2	90.0	96.0	100.0	106.3	113.5	118.1	119.9	122.1
Durables	86.3	99.5	91.8	90.7	100.0	103.5	107.7	111.6	110.4	107.4
Wood	74.2	96.0	84.1	85.2	100.0	102.1	104.8	108.3	106.5	103.2
Furniture & fixtures	86.2	89.0	93.3	92.8	100.0	109.5	114.5	119.3	122.8	123.7
Primary metal products	97.3	110.1	108.1	82.5	100.0	122.5	137.4	145.5	133.2	116.1
Metal fabricated products	86.4	90.4	93.5	100.8	100.0	104.1	108.0	111.7	112.5	111.5
Machinery & equipment	90.7	93.1	94.5	95.3	100.0	97.7	102.7	111.8	116.2	117.7
Transportation equipment	81.9	88.8	95.1	100.2	100.0	100.2	100.2	101.9	104.2	104.7
Electrical & electronic equipment	210.1	196.9	130.2	127.7	100.0	92.5	95.1	96.3	99.3	97.6
Non-metallic mineral products	82.3	84.5	83.5	88.2	100.0	106.8	112.0	114.3	115.1	113.3
Miscellaneous manufacturing	83.2	86.5	88.3	95.1	100.0	113.6	119.3	123.5	124.1	124.7
Construction	102.0	100.2	100.1	101.1	100.0	101.4	107.1	113.3	116.6	115.5
Residential	113.5	99.5	106.7	105.9	100.0	100.5	105.9	115.6	118.7	120.6
Non-residential	98.5	100.3	98.3	100.0	100.0	101.8	107.6	112.2	115.6	113.2
Utilities	74.5	76.0	90.4	97.9	100.0	93.2	98.1	98.0	101.5	101.1
Non-business sector	**101.1**	**104.0**	**108.0**	**101.6**	**100.0**	**106.5**	**110.6**	**111.8**	**113.8**	**118.4**
Forestry services	91.9	96.7	101.5	94.3	100.0	105.7	108.7	107.5	106.4	107.3
Manufacturing	-	-	-	-	100.0	100.0	139.0	143.0	131.9	123.5
Utilities (water systems)	113.3	113.4	115.9	110.7	100.0	107.5	113.0	117.9	124.7	134.7
Total goods	**91.9**	**94.4**	**96.6**	**97.1**	**100.0**	**104.2**	**110.6**	**113.6**	**114.5**	**110.2**
Total services	**91.6**	**95.8**	**97.7**	**98.2**	**100.0**	**102.2**	**104.7**	**111.0**	**116.1**	**121.5**
Gross domestic product at factor cost	**91.8**	**95.3**	**97.3**	**97.8**	**100.0**	**102.8**	**106.5**	**111.8**	**115.6**	**118.1**

(1) na = secure data.

Table 23

Gross Domestic Product – Services

Implicit Price Deflators 1986 = 100

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Business sector	**91.0**	**95.5**	**96.7**	**98.3**	**100.0**	**102.0**	**104.0**	**109.9**	**114.9**	**120.2**
Transportation & storage	96.1	98.1	97.2	96.7	100.0	99.7	95.9	101.4	106.6	114.2
Communications	93.3	98.7	104.2	102.3	100.0	97.9	96.7	99.4	102.9	109.8
Wholesale trade	99.7	103.0	105.2	99.8	100.0	101.5	104.0	111.3	117.0	120.2
Retail trade	99.2	94.4	97.2	100.1	100.0	100.5	102.1	107.0	111.8	119.7
Finance, insurance & real estate	88.8	98.0	96.9	98.4	100.0	104.7	105.9	112.4	116.1	119.0
Government royalties	173.0	182.3	175.9	157.2	100.0	89.2	79.8	81.3	87.0	76.6
Owner-occupied dwellings	88.8	93.9	96.2	98.3	100.0	101.4	104.5	111.1	117.4	121.4
Other	79.9	93.3	88.8	91.1	100.0	110.7	112.2	119.9	119.5	124.2
Services to business	82.2	86.5	91.2	103.2	100.0	95.1	103.1	106.8	116.3	114.5
Education	86.8	87.7	87.5	92.6	100.0	106.6	112.1	123.5	127.6	136.5
Health services	84.3	91.0	93.5	98.2	100.0	103.6	108.5	115.1	120.6	129.4
Accommodation & food	76.8	82.7	85.3	91.5	100.0	102.4	109.1	114.2	120.7	133.4
Other services	90.1	96.4	97.1	95.6	100.0	110.4	121.3	132.7	132.6	149.0
Non-business sector	**93.4**	**97.0**	**100.6**	**98.0**	**100.0**	**102.9**	**107.1**	**115.2**	**120.8**	**126.5**
Transportation & storage	96.1	98.1	97.2	96.7	100.0	99.7	96.0	101.4	106.6	114.2
Education	89.3	91.2	96.1	94.8	100.0	103.8	111.5	122.7	126.8	135.7
Hospitals	88.2	92.6	98.1	97.7	100.0	100.2	103.9	110.2	115.5	124.0
Other health services	123.0	131.7	138.8	104.0	100.0	105.6	109.6	116.2	121.9	130.8
Other services	83.8	89.7	93.6	95.7	100.0	100.5	104.1	109.3	113.1	115.9
Public administration & defence	95.5	99.0	100.9	100.0	100.0	103.7	106.3	113.1	120.3	121.9
Federal & other	84.4	87.2	90.4	95.2	100.0	104.0	106.5	115.7	123.2	123.3
Provincial	124.1	128.4	128.1	111.8	100.0	103.2	106.1	109.9	118.1	119.4
Local	86.0	89.7	91.3	95.0	100.0	103.5	106.2	111.6	117.5	122.0
Total services	**91.6**	**95.8**	**97.7**	**98.2**	**100.0**	**102.2**	**104.7**	**111.0**	**116.1**	**121.5**
Total goods	**91.9**	**94.4**	**96.6**	**97.1**	**100.0**	**104.2**	**110.6**	**113.6**	**114.5**	**110.2**
Gross domestic product at factor cost	**91.8**	**95.3**	**97.3**	**97.8**	**100.0**	**102.8**	**106.5**	**111.8**	**115.6**	**118.1**

Government Revenue and Expenditure Estimates

Table 24 Total Government Revenue & Expenditure

Millions of Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Direct taxes	8172	8585	8782	9291	10396	11905	13303	14528	16374	16512
Persons	7101	7605	7618	8176	9023	10140	11370	12519	14497	15283
Businesses	1004	920	1102	1054	1277	1696	1838	1922	1779	1157
Non-residents	67	60	62	61	96	69	95	87	98	72
Indirect taxes	6122	6131	6557	6750	7133	7522	8127	9036	9131	10957
Other transfers from persons	388	419	429	451	468	538	690	814	833	908
Investment income	2152	2214	2622	2793	3046	3335	3790	4525	4763	4611
Total revenue	**16834**	**17349**	**18390**	**19285**	**21043**	**23300**	**25910**	**28903**	**31101**	**32988**
Current expenditure on goods & services	8986	9481	9617	9726	10185	10765	11424	11882	12768	13632
Transfer payments	6166	7058	7481	7883	8582	9066	9473	10247	11086	12737
Persons	5193	6041	6494	6942	7351	7981	8497	9037	9803	11134
Subsidies	727	736	860	846	1099	918	853	1038	1134	1450
Capital assistance	246	281	127	95	132	167	123	172	149	153
Non-residents	0	0	0	0	0	0	0	0	0	0
Interest on the public debt	1989	2240	2767	3376	3688	3931	4357	4850	5207	5454
Total current expenditure	**17141**	**18779**	**19865**	**20985**	**22455**	**23762**	**25254**	**26979**	**29061**	**31823**
Savings	-307	-1430	-1475	-1700	-1412	-462	656	1924	2040	1165
Capital consumption allowance	632	673	716	740	766	795	861	929	1009	1082
Investment in fixed capital & inventories	1120	1233	1310	1667	1430	1427	1320	1868	2193	2410
Surplus / Deficit	**-795**	**-1990**	**-2069**	**-2627**	**-2076**	**-1094**	**197**	**985**	**856**	**-163**

Data for the latest year include BC Stats estimates.

Table 25 Federal Government Revenue & Expenditure

Millions of Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Direct taxes	5046	5283	5417	5817	6627	7516	8315	9165	10311	**10321**
Persons	4276	4587	4650	5084	5726	6370	7033	7764	8973	**9443**
Businesses	703	636	705	672	805	1077	1187	1314	1240	**806**
Non-residents	67	60	62	61	96	69	95	87	98	**72**
Indirect taxes	1812	1607	1711	1758	1985	2201	2351	2581	2319	**3745**
Other transfers from persons	2	2	2	3	3	3	3	4	4	**3**
Investment income	551	552	643	698	766	789	945	1074	1159	**1100**
Total revenue	**7411**	**7444**	**7773**	**8276**	**9381**	**10509**	**11614**	**12824**	**13793**	**15169**
Current expenditure on goods & services	1678	1801	1932	2110	2159	2179	2261	2423	2578	**2674**
Transfer payments	4869	5634	6136	6531	6718	7081	7325	7594	8012	**9122**
Persons	3162	3688	3988	4185	4384	4586	4770	4946	5360	**6218**
Subsidies	257	221	308	298	261	274	251	282	326	**524**
Capital assistance	211	251	115	92	93	100	69	118	86	**85**
Non-residents	0	0	0	0	0	0	0	0	0	**0**
Provincial governments	1208	1429	1674	1901	1919	2050	2159	2151	2135	**2190**
Local governments	31	45	51	55	61	71	76	97	105	**105**
Interest on the public debt	1303	1343	1568	1974	2174	2279	2584	2937	3183	**3267**
Total current expenditure	**7850**	**8778**	**9636**	**10615**	**11051**	**11539**	**12170**	**12954**	**13773**	**15062**
Savings	-439	-1334	-1863	-2339	-1670	-1030	-556	-130	20	**107**
Capital consumption allowance	92	97	106	120	125	127	133	142	154	**163**
Investment in fixed capital & inventories	141	192	415	284	167	199	184	264	255	**280**
Surplus / Deficit	**-488**	**-1429**	**-2172**	**-2503**	**-1712**	**-1102**	**-607**	**-252**	**-81**	**-10**

Data for the latest year include BC Stats estimates.

Table 26 Provincial Government Revenue & Expenditure

Millions of Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Direct taxes	2544	2761	2778	2835	3082	3606	4109	4359	4875	4864
Persons	2243	2477	2381	2453	2610	2987	3458	3751	4336	4513
Corporations & government enterprises	301	284	397	382	472	619	651	608	539	350
Indirect taxes	2962	3137	3404	3503	3560	3560	3950	4509	5399	5702
Other transfers from persons	367	400	407	428	441	508	657	778	794	875
Investment income	1069	1117	1355	1434	1593	1780	2021	2555	2662	2535
Current transfers from government	1259	1469	1688	1904	1922	2054	2164	2156	2140	2195
Federal government	1208	1429	1674	1901	1919	2050	2159	2151	2135	2190
Local government	51	40	14	3	3	4	5	5	5	5
Total revenue	**8201**	**8884**	**9632**	**10104**	**10598**	**11508**	**12901**	**14357**	**15870**	**16171**
Current expenditure on goods & services	3626	3899	3719	3574	3843	4059	4318	4180	4494	4826
Transfer payments	4883	5232	5316	5389	5855	6156	6543	7374	8572	9723
Persons	1570	1796	1858	2001	2098	2250	2383	2575	2746	3053
Subsidies	466	510	547	541	833	639	597	751	801	919
Capital assistance	35	30	12	3	39	67	54	54	63	68
Local governments	1556	1579	1539	1439	1420	1554	1667	1928	2723	3184
Hospitals	1256	1317	1360	1405	1465	1646	1842	2066	2239	2499
Interest on the public debt	320	453	710	891	992	1124	1234	1355	1451	1570
Total current expenditure	**8829**	**9584**	**9745**	**9854**	**10690**	**11339**	**12095**	**12909**	**14517**	**16119**
Savings	-628	-700	-113	250	-92	169	806	1448	1353	52
Capital consumption allowance	237	251	258	257	265	275	298	321	346	377
Investment in fixed capital & inventories	307	436	373	896	717	594	476	783	799	878
Surplus / Deficit	**-698**	**-885**	**-228**	**-389**	**-544**	**-150**	**628**	**986**	**900**	**-449**

Data for the latest year include BC Stats estimates.

Table 27 Local Government Revenue & Expenditure

Millions of Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Indirect taxes	1348	1387	1442	1489	1588	1761	1826	1946	1413	1510
Other transfers from persons	10	8	9	9	10	11	11	11	12	10
Investment income	191	153	176	175	187	209	220	244	251	271
Current transfers from governments	1587	1624	1590	1494	1481	1625	1743	2025	2828	3289
Federal government	31	45	51	55	61	71	76	97	105	105
Provincial government	1556	1579	1539	1439	1420	1554	1667	1928	2723	3184
Total revenue	3136	3172	3217	3167	3266	3606	3800	4226	4504	5080
Current expenditure on goods & services	2573	2580	2707	2715	2803	3015	3247	3503	3770	4049
Transfer payments	77	60	34	25	23	24	25	25	27	28
Persons	10	3	3	3	3	3	3	3	3	4
Subsidies	4	5	5	7	5	5	5	5	7	7
Provincial government	51	40	14	3	3	4	5	5	5	5
Hospitals	12	12	12	12	12	12	12	12	12	12
Interest on the public debt	366	444	489	511	522	528	539	558	573	617
Total current expenditure	3016	3084	3230	3251	3348	3567	3811	4086	4370	4694
Savings	120	88	−13	−84	−82	39	−11	140	134	386
Capital consumption allowance	247	262	283	289	297	311	341	367	398	420
Investment in fixed capital & inventories	508	461	405	410	428	497	503	612	902	991
Surplus / Deficit	−141	−111	−135	−205	−213	−147	−173	−105	−370	−186

Data for latest year include BC Stats estimates.

Table 28 Hospitals and CPP Revenue & Expenditure

Millions of Dollars

	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
HOSPITALS										
Transfers from persons	9	9	11	11	14	16	19	21	23	19
Investment income	13	15	15	15	15	12	13	13	14	14
Transfers from government	1268	1329	1372	1417	1477	1658	1854	2078	2251	2511
Provincial government	1256	1317	1360	1405	1465	1646	1842	2066	2239	2499
Local government	12	12	12	12	12	12	12	12	12	12
Total revenue	1290	1353	1398	1443	1506	1686	1886	2112	2288	2544
Current expenditure on goods & services	1105	1195	1256	1322	1375	1507	1593	1770	1920	2077
Interest on the public debt	0	0	0	0	0	0	0	0	0	0
Total current expenditure	1105	1195	1256	1322	1375	1507	1593	1770	1920	2077
Savings	185	158	142	121	131	179	293	342	368	467
Capital consumption allowance	56	63	69	74	79	82	89	99	111	122
Investment in fixed capital & inventories	164	144	117	77	118	137	157	209	237	260
Surplus / Deficit	77	77	94	118	92	124	225	232	242	329
CANADA PENSION PLAN										
Direct taxes	582	541	587	639	687	783	879	1004	1188	1327
Investment income	328	377	433	471	485	545	591	639	677	691
Total revenue	910	918	1020	1110	1172	1328	1470	1643	1865	2018
Current expenditure on goods & services	4	6	3	5	5	5	5	6	6	6
Transfer payments	451	554	645	753	866	1142	1341	1513	1694	1859
Persons	451	554	645	753	866	1142	1341	1513	1694	1859
Non-residents	0	0	0	0	0	0	0	0	0	0
Total current expenditure	455	560	648	758	871	1147	1346	1519	1700	1865
Surplus / Deficit	455	358	372	352	301	181	124	124	165	152

Data for the latest year include BC Stats estimates.

Appendix I

Revisions to Source Data

The British Columbia income and expenditure accounts include preliminary estimates for the latest year, which are released by Statistics Canada in May of the following year. The preliminary estimates now include information on the sources and disposition of personal income, which formerly only became available in October. The figures released in May are generally considered to be less reliable than the historical estimates, since some of the data sources normally used to produce the estimates are not available at this time. The preliminary estimates, as well as the data for the previous three years, are revised in the following February.

The Canadian GDP data, reported in Table 1, have been updated to include annual revisions released in June.

The industry account estimates for the latest year are prepared by BC Stats, as provincial data from Statistics Canada are not published until October. The October 1992 release will contain estimates for some service industries, such as transportation and trade, which have not previously been available.

General Methodology

As indicated in the introduction, BC Stats has developed some of the constant dollar and industry estimates, as well as all of the quarterly data which are included in the Accounts. Where possible, the methods used to produce these numbers are similar to those which have been established by Statistics Canada in preparing the National Accounts. In many cases, however, the data used by Statistics Canada do not exist at a provincial level, and it has been necessary to employ Canadian quarterly patterns or Canadian deflators to allocate annual benchmark estimates for the province. Again, where possible, a British Columbia component has been introduced into the quarterly allocation or deflation procedure in order to pick up differences between trends in the national and the provincial economies. The following is a brief overview of the methodology on which these estimates are based.

Relationship Between Income and Industry Accounts

Most of the quarterly estimates presented in the Accounts have been developed by BC Stats. For the income account, they are usually derived by applying quarterly allocators for each industry to annual estimates for each income component. The overall quarterly pattern is then determined by summing the estimates over all industries.

The Industry Measures and Analysis (IMA) Division of Statistics Canada publishes estimates of GDP for the goods producing industries and for selected service industries. The current dollar estimates, however, only cover the period

from 1971 to 1987. The constant dollar estimates extend from 1971 to 1990.

In general, the method used by BC Stats to derive GDP estimates for 1961 to 1971, and to calculate GDP for most of the service industries, is to sum the income components for each industry. Where possible, the preliminary estimate is then benchmarked to the Statistics Canada data. The following discussion, therefore, not only describes the methodology used to calculate the quarterly income account, it also explains how the components that feed into the industry account are derived.

Income Account

The income account measures the incomes earned by the various factors of production, namely land, labour and capital. Estimates of wages and salaries; supplementary labour income; military pay and allowances; corporation profits before taxes; interest and miscellaneous investment income; accrued net income of farm operators from farm production; net income of non-farm unincorporated businesses; inventory valuation adjustments; capital consumption allowances; and indirect taxes less subsidies are used in the calculation of gross domestic product at market prices.

Wages and Salaries, including Military Pay—Quarterly estimates of wages and salaries by industry are obtained directly from the Labour Division of Statistics Canada. The quarterly pattern used for military pay is based on Canadian data.

During 1989, the methodology used by Statistics Canada to generate estimates of wages and salaries by industry was modified to make better use of provincial income tax data. Since only the estimates for 1985 onward were revised, there is a statistical break in the wages and salaries data.

Supplementary Labour Income (SLI)—The Labour Division produces monthly estimates of total SLI by province. However, no industry breakdown is available, even on an annual basis, for the provinces. Consequently, estimates of SLI by industry are calculated by multiplying wages and salaries in each industry by the Canadian ratio of SLI to wages and salaries. Quarterly estimates by industry are then benchmarked to correspond to the quarterly total for the province.

Corporate Profits—Annual data on corporate profits by industry for the province are obtained from the National Accounts and Environment

(NAE) Division of Statistics Canada. Quarterly estimates are derived using Canadian quarterly profits by industry adjusted by the ratio of wages and salaries for British Columbia relative to Canada. For manufacturing, however, shipments are used instead of wages and salaries to prorate the Canadian data.

Interest and Miscellaneous Investment Income (MII)—In the personal income account (Tables 4 and 12), the estimate of interest and miscellaneous investment income is calculated by summing various types of investment income, such as paid and imputed interest received from financial institutions, bond interest, royalties, dividends and other investment income. Quarterly estimates for each of these components are determined using data for British Columbia wherever possible and the overall quarterly pattern is equal to the sum of the components.

The definition of MII used in the income account (Tables 2 and 10) differs from MII of persons and unincorporated businesses for a number of reasons. First, Canadian dividend payments are subtracted from the total since they are already included in the income account as part of corporation profits. Second, for the income account, the estimate of MII covers all transactors in the economy, hence government investment income and investment income earned by non-residents are added to the initial estimate, while interest payments on consumer and public debt are excluded from total MII since they represent a transfer rather than a payment for a productive service. Finally, in the income account, it is necessary to exclude investment income earned abroad and to include interest and MII paid abroad in order to ensure that the data are presented on a domestic rather than a national basis.

Accrued Net Income of Farm Operators from Farm Production—The quarterly allocator for this item is farm cash receipts for British Columbia.

Net Income of Non-farm Unincorporated Businesses—Quarterly estimates of unincorporated business income by industry are derived using the Canadian quarterly pattern, adjusted by the ratio of wages and salaries for British Columbia relative to Canada. For rent, the quarterly pattern is determined based on housing stock estimates and occupancy rates for the province.

Inventory Valuation Adjustment (IVA)—Estimates of IVA on a quarterly basis are calculated using the Canadian quarterly pattern for IVA by industry.

Capital Consumption Allowances (CCA)—The Canadian quarterly pattern for CCA in each industry is used to allocate annual benchmark estimates for the province, which are derived from unpublished data obtained from the NAE Division of Statistics Canada.

Indirect Taxes less Subsidies—Annual data on indirect taxes and subsidies by type of tax or subsidy are available in the *Provincial Economic Accounts*. For most components, the quarterly pattern is determined based on a related Canadian series. For many of the provincial taxes, however, quarterly data for British Columbia is obtained from either the *Quarterly Financial Review*, published by the Ministry of Finance and Corporate Relations, or from the Public Institutions Division of Statistics Canada.

Gross Domestic Product at Factor Cost / Market Prices—Theoretically, the final measure of GDP obtained by summing either the components of income or individual items of expenditure should be the same. Due to limitations in the data, however, these numbers usually are not equal. In the BCEA, the convention that has been adopted has been to allow the income side to determine the final estimate of quarterly current dollar GDP. Although it is consistent with the way in which Statistics Canada derives the annual provincial estimates, this approach differs from that which is used in calculating the national accounts. For the national accounts, GDP at market prices is determined for both the income and the expenditure accounts, and the difference, or statistical discrepancy, is split evenly between the two sets of numbers.

The reason for assigning all of the statistical discrepancy to the expenditure account is that it is very difficult to measure provincial trade balances accurately. Generally speaking, data on inter-provincial flows and provincial trade with the rest of the world are either not available or are less reliable than the other estimates in the expenditure account.

Expenditure Account

The following paragraphs briefly summarize the methods used to calculate the quarterly and constant dollar expenditure account, which consists of personal expenditures on goods and services; government current expenditures on goods and services; government investment in fixed capital and inventories; business investment in fixed capital and inventories; net exports of goods and services; and finally, the statistical discrepancy.

Constant dollar estimates for final domestic demand are benchmarked to annual series developed by the NAE division of Statistics Canada. The NAE data cover the period from 1971 to date. Constant dollar estimates for 1961 to 1970 are calculated by BC Stats.

For the period from 1961 to 1985, an implicit adjusting entry is included in the subtotals and in the overall estimate of real GDP. Consequently the components of GDP which are reported in Tables 7, 15 and 19 do not sum exactly to the published totals and subtotals. In the case of personal expenditures, the adjusting entry is included with the "residual" (e.g. other durables) for each expenditure category. The purpose of the adjusting entry is to ensure that overall growth rates are not affected by changes in the base year used.

Personal Expenditures on Goods and Services—Personal expenditures on goods and services comprise about 60 per cent of total gross domestic expenditures. Estimates of quarterly personal expenditures on goods are derived based on an algorithm developed by Statistics Canada. This method utilizes weights from the Retail Commodity Survey (extrapolated for more recent years) to convert retail sales data classified by kind of business into estimates of expenditures by commodity. The quarterly pattern of retail sales taxes paid by individuals is determined by multiplying quarterly personal expenditures by the retail sales tax rate.

For personal expenditures on services, the source of the quarterly pattern varies among types of services. In some cases, linear interpolation is used, while other series are calculated using data from a variety of sources. For example, estimates of quarterly personal expenditures on highway tolls are generated using Coquihalla highway revenues.

Quarterly constant dollar estimates are, in general, calculated by deflating the current dollar numbers using the British Columbia consumer price index for each commodity, although other deflators may be used for specific series.

Government Current Expenditures on Goods and Services—The government sector includes federal, provincial and local governments, schools, hospitals and the Canada Pension Plan. Estimates of annual government expenditures on goods and services by level of government can be disaggregated into wages and salaries and expenditures on goods. The quarterly pattern of the wage portion of government expenditures is based on labour income. For government expenditures on goods, data for British Columbia are used where possible; otherwise the Canadian quarterly pattern for each component is utilized.

Constant dollar estimates are generated using two basic types of deflators. For the wage portion of government expenditures, the deflator is based on employment, while expenditures on goods are deflated using a weighted average of various industry product price indices and/or personal expenditure deflators. The weights are obtained from the NAE division of Statistics Canada.

Investment in Residential Construction—Quarterly estimates of investment in residential construction are based on published provincial data which are obtained from the Investment and Capital Stock Division of Statistics Canada. Estimates of quarterly transfer costs (real estate commissions) originate with the NAE division. For acquisition costs (mainly legal fees), quarterly personal expenditures on legal and other services are used. In most cases, the quarterly deflators are also derived using Statistics Canada estimates for British Columbia.

Investment in Non-Residential Construction—Annual estimates by industry, in current and constant dollars, of investment in non-residential construction for British Columbia are obtained from the Statistics Canada publication *Fixed Capital Stocks and Flows*. The quarterly current dollar pattern used in the Accounts is based on GDP in non-residential construction, while the quarterly deflator is derived by adjusting the Canadian deflator for non-residential construction by an index of the ratio of wages and salaries in British Columbia relative to Canada.

Investment in Machinery & Equipment—Quarterly estimates of investment in machinery and equipment are determined using the Canadian quarterly pattern up to 1980; for later years, the quarterly pattern is based on retail sales tax information for British Columbia.

Constant dollar estimates for this component are derived using quarterly Canadian deflators for investment in machinery and equipment by industry. The overall deflator is, of course, benchmarked to the NAE estimate for 1971 onward.

Investment in Inventories—The quarterly estimates of investment in inventories and the value of physical change in inventories are calculated for each industry using Canadian quarterly patterns and Canadian deflators.

External Trade—It is not possible to measure trade flows for the province directly, consequently the estimates presented in the BCEA are based on benchmarks for international and interprovincial trade which come from the 1974 and 1979 Input-Output (I/O) models for British Columbia.

Although benchmark estimates are also available from the 1984 British Columbia Input-Output Model, they have not been incorporated into the data presented here because there are significant differences between the I/O estimates for 1984 and the NAE data on which the

Accounts are based. These differences are especially large for the external sector.

The basic methodology for calculating trade with the rest of Canada is outlined below, using exports as an example. The methodology is only used to determine the value of merchandise exports and imports; trade in services is included with the statistical discrepancy.

- **Exports to the Rest of Canada**

Figures on exports to the rest of Canada are derived from information in the Canadian use and final demand matrices. An estimate of the British Columbia component of commodity usage by each industry or final demand category is calculated using data for commodity exports to the rest of Canada which are obtained from the provincial input-output model. Coefficients relating commodity usage to output or final demand are then applied to allocators for each industry in order to calculate a time series of commodity exports to the rest of the country. The allocators used are estimates of Canadian output and final demand by industry.

The data based on the two I/O models are linked for the period between 1974 and 1979, and then deflated using British Columbia-commodity weighted industry product price indices.

The major assumption underlying the estimates of exports to the rest of Canada is that the relative use of commodities originating in British Columbia has remained more or less constant since 1979. This assumption of stability, on which the import estimates are also based, is not necessarily true; however, annual measures of exports to the rest of Canada are currently not available. The estimates must therefore be regarded as being somewhat less reliable than the other components of the expenditure account.

- **Exports to the Rest of the World**

These estimates are derived directly from data on British Columbia product exports which are contained in the *British Columbia External Trade Report*. Up to 1981, most of the deflators used to calculate the constant dollar series are implicit deflators which are based on changes in the prices of British Columbia's exports. For 1981 onward, the deflator for exports to the rest of the world is extended using the growth rate of British Columbia-weighted Canadian export deflators.

- **Imports from the Rest of Canada**

Imports from the rest of Canada are calculated using benchmarks from the 1974 and the 1979 input-output models for British Columbia, as well as the 1984 origin and destination estimates for manufactured products.

The method used to calculate imports from the rest of Canada is essentially the same as that which is described in the discussion of exports to the rest of the country. However, in this case, the British Columbia use and final demand matrices are utilized, and the allocators are output and final demand estimates for this province. Constant dollar imports are calculated using British Columbia-weighted commodity price indices.

- **Imports from the Rest of the World**

British Columbia customs ports imports are used to extend benchmark estimates of commodity imports from the rest of the world, which are obtained from the 1974 and 1979 input-output models for British Columbia. The ratio of the 1974 I/O estimate to the custom ports data for each commodity is used up to 1974; the 1979 I/O benchmark is the basis of the estimates for 1979 onward, and the data for 1974 to 1979 are calculated as a weighted average of the two sets of estimates. The current dollar data are deflated using Canadian import deflators for each commodity.

Net Service Exports plus Statistical Discrepancy—The estimate of net service exports plus the residual error is calculated by subtracting the sum of the above components from total GDP at market prices, which is determined in the income account. The constant dollar series is derived using the overall GDP deflator.

Gross Domestic Expenditure at Market Prices—As indicated above, the quarterly pattern of GDP at market prices is determined in the income account, and is then carried over to the expenditure account. The GDP deflator is determined as a weighted average of the deflators for each component. An implicit adjusting entry is also included in the final estimate of real GDP for 1960 to 1985.

Industry Account

Goods-Producing Industries—For the goods producing industries, benchmark estimates of GDP by industry are obtained from the IMA Division of Statistics Canada. Although the current dollar estimates only extend from 1971 to 1987, the constant dollar series cover the entire period from 1971 to 1990.

For all of the goods industries, and for selected service industries (education, health, public administration and defence, and accommodation and food), annual current dollar estimates for 1988 to 1990 are derived by reflating the Statistics Canada benchmarks using an appropriate deflator. The deflators are constructed by extrapolating the 1987 GDP deflator forward based on changes in an output price index.

The quarterly allocator, which is also used to extend the annual estimates for agriculture, fishing and forestry back to 1961 and forward to the latest year, is the sum of the income components for each industry. Annual estimates for GDP in the mining industry are extrapolated based on production. For manufacturing, annual estimates for 1961-1970 are based on census value added data, while shipments are used to determine data for the latest year and the quarterly pattern for GDP in this industry. Finally, the sum of the income components is used to extend the annual estimates of GDP for construction and utilities back to 1961 and forward to the latest year.

Service Industries

Estimates of GDP in the education, health, accommodation and food, and public administration and defence industries are obtained from the IMA Division and are extrapolated back to 1961 and forward to the latest year using the sum of the income components approach. For the other service industries, however, the GDP estimates presented in the BCEA are calculated residually. That is, initial estimates are generated by first summing the income components by industry and then benchmarking the data so that the total for all industries corresponds to the actual published value for GDP at factor cost. The estimates for transportation and storage; communications; wholesale and retail trade; services to business; and other services which are included in the tables are therefore somewhat less reliable than the other GDP by industry numbers, and should be used cautiously. It should be noted that errors or discontinuities in other GDP estimates will be reflected in the GDP data for these industries. In addition, the disaggregation of transportation and storage and other services into the business and non-business sectors should not be regarded as definitive, as it is based only on labour income.

If no British Columbia-specific deflator is available, the appropriate Canadian deflator for each industry has been used to calculate real GDP for each service industry.

Appendix II

Quality Assessment of Estimates, by Major Component

The following quality assessments for the major components of the income and expenditure accounts, for final domestic demand, and for the major industries are reprinted with minor revisions from the Statistics Canada publications *Provincial Economic Accounts*[1] and *Provincial GDP by Industry*[2]. The explanation of the rating systems is also drawn from these sources.

Income and Expenditure Accounts

Rating System—A quality rating of **1** is assigned when three conditions are met:

(1) The national estimates are deemed of good quality;

(2) The provincial estimation or allocation presents no major conceptual problem; and

(3) The estimation or allocation procedure is appropriate (i.e. is consistent with national accounting practices and relies on directly relevant information) and uses information of good quality (i.e. which requires minimal adjustments for classification, coverage and valuation).

A quality rating of **2** is attributed when one of the conditions just outlined is not realized: the provincial statistical information may be of lower quality, the provincial allocation may present a conceptual problem or be based on related indicators instead of directly relevant information.

A quality rating of **3** indicates that 2 or more conditions necessary for a rating of 1 are not satisfied: the national estimates may be subject to a greater margin of error, the provincial allocation may present a major conceptual problem, or the provincial information may be less reliable and as a result the estimation or allocation method may not be entirely appropriate.

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1 *Provincial Economic Accounts*, Catalogue 13-213, Statistics Canada, March 1991, pp xvii–xx.

2 *Provincial GDP by Industry*, Catalogue 15-203, Statistics Canada, October 1991, Appendix III, pp 34–38.

Income Account	Rating
Wages, salaries & supplementary labour income	1
Corporation profits before taxes	3
Interest and miscellaneous investment income	2
Accrued net income of farm operators from farm production	1
Net income of non-farm unincorporated business, including rent	3
Inventory valuation adjustment	3
Indirect taxes less subsidies	1
Capital consumption allowances	2
Expenditure Account	
Personal expenditure:	
Goods	1
Services	2
Government current expenditure on goods and services	1
Government investment in fixed capital:	
Construction	1
Machinery and equipment	2
Government investment in inventories	1
Business investment in fixed capital:	
Residential construction	1
Non-residential construction	1
Machinery & equipment	2
Business investment in inventories:	
Non-farm	3
Farm and grain in commercial channels	1
Net exports plus statistical discrepancy	3

For wages, salaries and supplementary labour income, miscellaneous investment income and personal expenditures on goods, the quarterly estimates presented in this publication could probably be given a rating similar to the Statistics Canada rating listed above. For the other components of the Income and Expenditure Accounts, however, series which have a rating of 1 or 2 would go down one step, due to the fact that quarterly patterns are generally based on (adjusted) Canadian quarterly data. The estimates for trade with the rest of Canada and imports from the rest of the world would be given a rating of 3. Exports to the rest of the world would have a rating of 2.

Final Domestic Demand

Statistics Canada also provides ratings for the components of final domestic demand in current and constant dollars. The rating system used is described in the previous section.

Final Domestic Demand	Rating	
	Current Dollars	Constant Dollars
Personal expenditure:		
Durables	1	1
Semi-durables	1	1
Non-durables	1	1
Services	2	3
Government current expenditure on goods & services	1	3
Government investment:		
Construction	1	2
Machinery & equipment	2	2
Business investment:		
Residential construction	1	1
Non-residential construction	1	2
Machinery and equipment	2	2

The constant dollar estimates of the value of physical change in inventory, as well as the estimates for the external trade sector, should probably be given a rating of 3. As mentioned in the methodology discussion, the trade data are calculated by BC Stats and are based on extrapolating benchmarks from the I/O model for British Columbia.

Industry Account

Rating System—A quality rating of **1** uses census establishment data to arrive at both the national benchmark and the provincial distribution. Adjustments for coverage, valuation and classification are minimal for these estimates.

A quality rating of **2** refers to estimates which use establishment based data to obtain indicators or proxies for distributing national benchmarks with a rating of 2 or better.

Industry estimates with a quality rating of **3** use non-establishment based proxies to distribute national Gross Domestic Product benchmarks.

The quality of the constant price estimates depends on the assessment of current price values and the quality of available price deflators, By definition, the quality of constant price estimates cannot exceed that of the current price series. The constant price rating is the same as the current price rank if the deflators adequately reflect provincial pricing structures. A lesser quality rating is given where (i) national price indices are used when provincial prices would be more appropriate,

(ii) provincial prices are built from partial information, or (iii) proxies are used to develop constant price series.

These quality ratings by industry also take into account the allocator used for the industry projections. If the information used in the projections does not reflect output or value added, its quality rating is reduced.

Goods-Producing Industries	**Rating** Current Dollars	Constant Dollars
Business Sector		
Agriculture	1	1
Fishing & trapping	3	3
Forestry & logging	2	3
Petroleum & natural gas	2	2
Coal	2	2
Services related to mining	3	3
Non-durable manufacturing		
Food & beverage	2	2
Paper & allied	1	1
Petroleum & coal products	2	3
Chemicals	2	2
Durable manufacturing		
Wood	1	2
Furniture & fixtures	1	1
Primary metal products	1	2
Metal fabricating products	1	1
Machinery & equipment	1	1
Transportation equipment	2	2
Electrical & electronic equipment	2	2
Non-metallic mineral products	1	1
Miscellaneous manufacturing	1	2
Construction		
Residential	3	3
Non-residential	3	3
Electric power	1	2
Gas distribution	1	2
Other utility industries	3	3
Non-business Sector		
Forestry services	2	3
Manufacturing	2	3
Utilities (water systems)	2	3

Service-Producing Industries	**Rating** Current Dollars	Constant Dollars
Business Sector		
Education	2	3
Hospitals	2	3
Other health services	3	3
Accommodation & food	2	2
Non-business Sector		
Hospitals	2	3
Other health services	3	3
Federal government	1	2
Provincial government	1	2
Local government	1	2

For the components of manufacturing, the ratings are derived from the ratings available at a more detailed level of aggregation.

For all industries, it is important to note that data for 1961 to 1970, and current dollar data for the years after 1987, are BC Stats estimates. In addition, the data for years prior to 1984 have been mechanically linked.

For certain industries, no rating is given since GDP for these industries is estimated by the BC Stats. The BC Stats estimates of GDP by industry are generally calculated using the sum of the income components approach, and would be given a rating of 2–3 for the current dollar data, and 3 for the constant dollar series. Similar ratings would hold for the quarterly series.

Government Revenues and Expenditures

Because some of the data for the latest year are based on BC Stats estimates, a quality evaluation must be largely judgmental. As well, most of the data which are included in the tables represent a composite of many individual series, so the ratings are "average" measures.

Rating System

A rating of **1** indicates that the estimates for the current year originate with Statistics Canada or that growth rates are very close to the actual estimate historically.

A rating of **2** indicates that the estimates for the current year are based on the growth rate of a related series, which historically is usually close to the actual growth rate.

A rating of **3** indicates that the series used to extend the data usually, but not always, has a similar growth rate.

A rating of **4** indicates that the series used to extend the data can have a growth rate which is quite different from the growth rate of the series in the Accounts.

Federal Government Revenues and Expenditures	Rating/Code
Direct taxes from persons	2–3
Direct taxes from corporations	3
Direct taxes from nonresidents	1
Indirect taxes	3
Other transfers from persons	2
Investment income	3
Current expenditures on goods and services	2
Transfer payments to persons	2–3
Subsidies	3
Capital assistance	4
Transfers to nonresidents	1
Transfers to provincial government	3
Transfers to local governments	3
Interest on the public debt	1
Capital consumption allowances	1
Investment in fixed capital and inventories	3

Provincial Government Revenues and Expenditures	
Direct taxes from persons	3
Direct taxes from corporations	3–4
Indirect taxes	1
Other transfers from persons	1
Investment income	3–4
Transfers from federal government	3
Transfers from local governments	3
Current expenditures on goods and services	2
Transfer payments	3–4
Subsidies	3
Capital assistance	1
Transfers to local governments	1
Transfers to hospitals	1
Interest on the public debt	1
Capital consumption allowances	1
Investment in fixed capital and inventories	3–4

Local Government Revenues and Expenditures	Rating/Code
Indirect taxes	3–4
Other transfers from persons	4
Investment income	2
Transfers from federal government	3
Transfers from provincial government	1
Current expenditures	1
Capital consumption allowances	1
Investment in fixed capital and inventories	3–4

Hospital and CPP Revenues and Expenditures	
Hospitals	
Transfers from persons	2–3
Investment income	1
Transfers from provincial government	1
Transfers from local government	1
Current expenditures on goods and services	1
Capital consumption allowances	1
Investment in fixed capital and inventories	3–4
Canada Pension Plan	
Direct taxes	3
Investment income	1
Transfers to persons	2
Transfers to nonresidents	2

Glossary of Terms

Glossary of Terms

The vocabulary of national income accounting has been developed and refined considerably over the years by the United Nations and by Statistics Canada. Many of the concepts below are drawn from the standard publications of these two agencies[1].

Italicized words and phrases contained in the definitions are themselves defined elsewhere in the Glossary of Terms.

Adjusting entry	A statistical technique for preserving the growth patterns of consecutive periods of data when constant dollar estimates of GDP are made. If the base year for the series is 1986, for instance, the new weights are applied from 1986 forward. Previous years' series retain the weights previously used and are linked with the new base year. The results are forced to add up using residuals called adjusting entries.
Adjustment for grain transactions	An entry reflecting 1. an estimate of Canadian Wheat Board (CWB) payments to farmers for the current year's crop, given that CWB's actual payments are one year behind; and 2. a transformation of the estimate in (1) from the CWB's reported book value of grain to the value of physical change of grain inventories required by national accounting conventions.
Allocator	A series of numbers used to distribute a related series, usually to estimate data at a lower level of aggregation, e.g. national series allocated provincially or annual series allocated quarterly. May also be used to extrapolate a related series.

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[1] United Nations. Department of Economic and Social Affairs. *A System of National Accounts*. (Cat. E.69.XVII. 3). New York, 1968

Statistics Canada. Gross National Product Division. *National Income and Expenditure Accounts : Volume 3 : Definitions, Concepts, Sources, Methods*. Ottawa, 1975.

System of National Accounts Branch. *A User's Guide to the Canadian System of National Accounts*. (Cat. 13-589E). Ottawa, 1989.

Income and Expenditure Accounts Division. *Provincial Economic Accounts : Annual Estimates, 1984–1989*. (Cat. 13-213). Ottawa, 1991.

Income and Expenditure Accounts Division. *Guide to the Income and Expenditure Accounts*. (Cat. 13-603E, No. 1). Ottawa, 1990.

Benchmarking	The practice of adjusting a series of numbers to match either the total or proportions of another series of numbers. BCEA totals are often benchmarked to Statistics Canada totals.
Book value	Value of inventory in the reporting period.
Business income	The sum of: net income of non-farm unincorporated businesses (including rent); net income received by farm operators; corporation profits before taxes; inventory valuation adjustments; and capital consumption allowances.
Business sector	1. All transactors who produce goods and services for sale at a price which is intended to cover the cost of production. Includes corporations, unincorporated business enterprises, independent professional practitioners and government business enterprises. 2. In the industry account, "business sector" refers to industries which operate on a for-profit basis.
Capital	A factor of production comprising all artificial aids to production, such as machinery and equipment.
Capital formation	See *Investment in fixed capital*
Constant dollars	The value of goods or services at prices prevailing in a specified base year. Estimates are deflated to remove the effects of price changes over time to reveal only the changes in quantities produced. Also called "real dollars".
Consumer price index (CPI)	A measure of changes in consumer prices obtained by comparing, through time, the cost of a basket of commodities, specified according to purchases made by the target population in a reference period.
Consumer services	Broad array of expenditure items, including rent, recreation, transportation, personal care and business support.
Corporate and government business enterprise sector	The sector including the transactions of bodies legally defined as corporations and bodies set up by government to act like corporations.
Corporation profits before taxes	Net earnings from economic activity of legally-defined corporations. Profits are measured after deducting a capital consumption allowance for the current period.

Current dollars	The value of goods or services in the dollars of the period in which it was produced i.e.. unadjusted for inflation. See also constant dollars and deflation.
Deflator	See *Price Index*
Deflation	The process of producing constant dollar estimates using appropriate price indexes.
Derived book value (DBV)	DBV or change in book values is the capital gain accruing from price changes in inventory which are recorded in business ledgers and which are subsequently removed—the inventory valuation adjustment.
Direct taxes	Current transfers to government from persons, unincorporated businesses, corporations and government business enterprises in the form of taxes levied on income from employment, property, holding gains or any other source. Personal direct taxes also include contributions to social security programs and government pension funds.
Dividends	Income payable and receivable for various forms of equity participation in corporate enterprises.
Durable goods	Items which have an expected lifetime of well over one year and are relatively costly. Examples: automobiles, major appliances.
Expenditure account	An economic account which records current expenditures on goods and services, transfer payments and distribution of earnings for all sectors of the economy. The other two accounts in the BCEA are the income account and the industry account.
Exports and imports of goods and services	Current receipts from exports or imports of merchandise, freight and shipping credits earned on account, travel expenditures of non-residents in British Columbia and other receipts from services rendered to non-residents.
Factor cost	The sum of incomes of factors of production as measured by the cost of labour and capital inputs in the productive process. Equals market price minus indirect taxes less subsidies.
Factor of production; factors	Productive agents which, when combined, create economic activity. Traditionally there are three components: land, labour and capital.
Final demand matrix	See *Input-output accounts*

Final domestic demand	The sum of personal expenditure on goods and services, government current expenditure on goods and services, and government and business investment in fixed capital.
Government business enterprises	Government corporations and agencies which operate on a profit or cost recovery basis similar to private enterprises. See also *Corporate and government business enterprise sector*.
Government current expenditure on goods and services	All current outlays for goods and services by the government sector, covering wages and salaries of government employees, office supplies and maintenance and repair costs. Also includes defence expenditures and an imputation for the capital consumption allowance.
Government investment income	Investment income of the government sector, including: interest on government-held public funds; interest on loans and advances; royalties; sales of natural resource rights; and remittances from government business enterprises.
Government sector	Federal, provincial and local governments and their agencies, including schools and hospitals.
Gross; net	Production may be expressed on a 'gross' or 'net' basis depending upon whether it is measured before (i.e. 'gross of') or after ('net of') allowances for capital consumption. Gross and net measures can also be applied to other concepts like income and profits, where these values are measured before or after taxation.
Gross domestic product (GDP)	The unduplicated value of production originating within a particular geographical area for a specific time period, regardless of the residence of the owners. GDP can be measured at factor cost or in market prices, and in current dollars or constant dollars.
Gross fixed capital formation	See *Investment in Fixed Capital*
Implicit price indexes	Variable-weighted indexes which are a by-product of the deflation procedure and are obtained by dividing the value series (measured at current prices) by the volume series (measured at constant prices).
Imputed	"Estimated" or "approximated".
Income	Earnings from factors of production from the current production of goods and services. See also *income account*.

Income account	An economic account which records income earned or in kind received by all sectors from a variety of sources. The two other accounts in the BCEA are the expenditure account and the industry account.
Indirect taxes	All taxes which represent a business cost and which are likely to be reflected in the market price paid by the purchaser. Includes the GST, provincial social service taxes, customs duties, customs and excise duties, natural resource taxes, property taxes, and profits of liquor boards.
Industry account	An economic account which records the value-added by industries to the total value of British Columbia's productive activity.
Industry product price index (IPPI)	A measure of price changes for major commodities sold by Canadian manufacturers.
Input-output accounts	A system of measuring GDP in an economy which differs from the "income and expenditure" approach in the BCEA by focussing on the commodity transactions between industries. Tables show the total output, or "make", of industries and what they use from other industries. As well, input-output analysis shows the flow of commodities to final demand, or consumer, sectors and the cost of primary inputs to industries. When 'what is used' by an industry is subtracted from 'what is made' by an industry, a measure is obtained of the value added by that industry to the economy as a whole.
Interest and miscellaneous investment income	Personal earnings in the form of bond, mortgage, deposit and imputed interest and other investment income, such as the yield on Treasury Bills, government annuities, royalties, etc. Also includes investment income of life insurance companies, fraternal societies, trusteed pension plans and mutual non-life insurance companies; interest receipts of persons from non-residents; and government investment income. Does not include interest on public or interest on consumer debt.
Interest on consumer debt	Interest payments to the corporate and government business enterprise sector which are incurred by persons to finance purchases of goods and services.
Interest on the public debt	Interest payments made on funds borrowed by the government sector.
Inventory valuation adjustment (IVA)	Difference between the change in inventory book values and the value of physical change in inventories. Removed from corporate profits before taxes and other income aggregates to eliminate any gains or losses arising from price changes on inventories.

Investment in fixed capital	Expenditures by business and government on durable assets and on building and engineering construction of all types except for government expenditure on defence construction and equipment. It also includes residential construction by individuals, alterations and improvements made to the stock of buildings and transfer costs paid on the sale of existing fixed assets.
Labour income	Wages and salaries, supplementary labour income, and military pay and allowances.
Make matrix	See *Input-output accounts*
Market price	Prices actually paid by the purchaser, including the net effect of all indirect taxes and subsidies. See also *Factor cost*.
Merchandise trade balance	The difference between exports and imports of goods.
Military pay and allowances	Payments to members of the Armed Forces serving in British Columbia. Includes military pay, various allowances and benefits. Veterans' allowances are excluded and treated as a transfer payment.
Miscellaneous investment income	See *Interest and miscellaneous investment income*
Net	See *Gross; net*
Net domestic income at factor cost	The sum of all incomes arising from productive activities in a given area at a given time, whether owned by residents or non-residents. Differs from GDP at factor cost in that it excludes capital consumption allowances.
Net income of farm operators	Includes: 1. Cash receipts from the sale of farm products and supplementary farm payments, less farm expenses and capital consumption allowances; 2. Imputed value of goods consumed by farm families; 3. Value of physical change in farm inventories; and 4. Accrued earnings from the Canadian Wheat Board.
Net income of non-farm unincorporated business	Earnings of unincorporated proprietors, except farm operators, from their businesses. It also includes the net income of independent professional practitioners such as doctors and dentists, and the rental income from residential and non-residential property.
Net service exports plus statistical discrepancy	A special kind of adjusting entry used to account for the difference between total GDP at market prices as calculated in the Income Account and the sum of the Expenditure Account components.

Non-durable goods	Goods which can be used only once, such as food or gasoline.
Non-merchandise trade balance	The difference between receipts and payments arising out of transactions in services between residents and non-residents. Included are travel expenditures, freight and shipping charges and business, government and other services.
Non-business sector	In the industry account, industries which do not operate on a for-profit basis. Major industries in the non-business sector are public administration and defence, as well as some health and education services.
Non-residential construction	New industrial, commercial and institutional building construction put in place, as well as additions, major renovations, conversions and alterations. Includes both contract work and work done by a firm's own labour force, as well as the costs of site preparation and land improvement.
Non-residents	All transactors who normally reside outside British Columbia. Businesses are "residents" of the province if their productive activity takes place in British Columbia, regardless of the residency of their owners.
Personal disposable income	Personal income left after payment of direct taxes and various fees, such as medical insurance premiums, to government.
Personal expenditures on goods and services	All purchases of *durable, semi-durable,* and *non-durable goods,* and services, by persons.
Personal income	All income received by persons, both as earnings and transfers. Includes: wages and salaries; supplementary labour income; military pay and allowances; net income of farm operators; net income of non-farm unincorporated business; dividends; interest and miscellaneous investment income; and all transfer payments received by persons.
Personal savings	Personal savings is that which is left of personal disposable income after deducting personal expenditures on consumer goods and services, current transfers from person to corporations, and current transfers from persons to non-residents.
Personal sector	All persons, households and non-profit organizations. Also included are private pension funds and the investment income of life insurance companies.
Price index	A number that shows the average percentage change that has occurred in a group of prices over a period of time. Examples of price indexes used in the BCEA are the consumer price index (CPI) and the industry product price index (IPPI).

Production	Goods and services produced and exchanged for money. Includes most goods and services produced by the personal, business and government sectors. Also includes "income in kind"—such items as the value of farm produce consumed by the farmer and the imputed value of free lodging provided by employers. Only the fees, commissions and profit gained from the sale of "used goods" are included, except those which are imported. Illegal activities are also excluded from production.
Profits	See *Corporation profits before taxes*
Real dollars	See *Constant dollars*
Rent	1. Payment for the use of a factor of production; or 2. Payment for rental housing.
Residential construction	All expenditures for new housing including single dwellings, multiple dwellings and garages, major improvements and alteration and transfer costs, such as legal fees and real estate commissions.
Royalties	Income from legal property, such as the use of patented or copyrighted material, natural resources and other concessions.
Savings	See *Personal savings*
Seasonal adjustment	The process of "smoothing out" monthly or quarterly time series to remove the effect of regular, or "seasonal" cycles.
Sectors	See *Transactors*
Semi-durable goods	Goods which can be used on multiple occasions, but which have an expected lifetime of approximately one year. Examples: clothing, toys.
Statistical discrepancy	Difference between GDP as calculated in the income account and GDP as calculated in the expenditure account. Reflects imperfections in the basic statistics, flaws in the estimation techniques and discrepancies in the timing with which the income and expenditure data are recorded.
Subsidies	All transfers to business by government toward current costs of production.
Supplementary labour income	Contributions by employers, on behalf of their employees, to pension funds, health and other casualty insurance, life insurance, welfare funds, unemployment insurance and workers' compensation.
Transactors	The economic agents who engage in the production, purchase and sale of goods and services and the payment and receipt of factor incomes

	and transfers. The transactors in the BCEA are the personal sector, the corporate and government business enterprise sector, the non-business or non-profit sector, the government sector, and the non-resident sector.
Transfers	Financial allotments from one economic sector to another for which there is not necessarily a commensurate exchange of service. Includes: • **Transfers to business from persons** Equal to the total interest on consumer debt less administrative charges; • **Transfers to government from persons** Including direct taxes and other current transfers to government; • **Transfers to non-residents from persons** Including personal remittances to non-resident governments, corporations and persons; • **Transfers to persons from business** Referring to charitable contributions from corporations to persons and unincorporated business, and to bad debt allowances charged by businesses for non-remitting personal accounts; • **Transfers to persons from government** Encompassing all direct payments from governments to persons, such as family and youth allowances, unemployment insurance benefits, general welfare payments, etc. • **Transfers to persons from non-residents** Including pensions paid by foreign governments and cash payments by relatives or friends living outside British Columbia.
Unincorporated business income	See *Net income of non-farm unincorporated business*
Use matrix	See *Input-output accounts*
Value added	See *Input-output accounts*
Value of physical change in inventories	Change in the physical volume of inventories, valued at the average market price of the period.
Wages and salaries	All earnings from employment of British Columbia residents, whether they are paid in cash or in kind. Calculated before deductions for income tax and all social insurance schemes. Includes military pay and allowances, commissions, tips and bonuses, directors' fees, and taxable allowances.

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BC STATS Product Order Form

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RELEASES	Current Statistics	24	$75.00	$5.25	Provincial Sales Tax Exempt		
	British Columbia Business Indicators	12	$50.00	$3.50			
	Consumer Price Index	12	$50.00	$3.50			
	British Columbia Origin Exports	12	$50.00	$3.50			
	Tourism Room Revenues	12	$60.00	$4.20			
	Business Formations and Failures	12	$25.00	$1.75			
	British Columbia Major Projects Inventory	4	$32.00	$2.24			
	Business Conditions Survey	4	$10.00	$0.70			
	Earnings and Employment Trends	12	$50.00	$3.50			
	Labour Force Survey	12	$50.00	$3.50			
	Immigration Highlights	4	$25.00	$1.75			
	Migration Highlights	4	$25.00	$1.75			
	Full Subscription (all releases)		$225.00	$15.75			
PUBLICATIONS AND RELATED MATERIALS	British Columbia Economic & Statistical Review		$20.00	$1.40	$1.20		
	British Columbia Economic Accounts		$20.00	$1.40	$1.20		
	British Columbia Manufacturers' Directory		$20.00	$1.40	$1.20		
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	British Columbia Population Forecast		$10.00	$0.70	$0.60		
	Population Estimates & Projections—Regional District		$80.00	$5.60	$4.80		
	—Local Health Area		$150.00	$10.50	$9.00		
	Profile of Electoral Districts		$50.00	$3.50	$3.00		
DISKETTES	British Columbia Statistics — BCSTATS		$75.00	$5.25	$4.50		
	British Columbia Manufacturers' Directory		$250.00	$17.50	$15.00		
	British Columbia Wholesalers' Directory		$50.00	$3.50	$3.00		
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	Regional Population Estimates & Projections Updates		$250.00	$17.50	$15.00		
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BC Stats Product Descriptions

RELEASES:

Current Statistics — Semi-monthly
This release lists the latest monthly and annual data on the labour force, consumer price index, production, and other important economic indicators.

British Columbia Business Indicators — Monthly
Provides a range of up-to-date economic and financial data, including production and shipments for British Columbia's major industries.

Consumer Price Index (CPI) —Monthly
Price trends in British Columbia, Vancouver and Victoria for various categories of consumer spending. Includes historical summaries and comparisons with major Canadian cities.

British Columbia Origin Exports — Monthly
This bulletin reports on the latest British Columbia exports to major trading partners and blocs. Exports of more than 50 selected items to the U.S.A., Japan and the European Community are included.

Tourism Room Revenues — Monthly
Revenues received from room rentals by type of accomodation, with a geographic breakdown by development region.

Business Formations and Failures — Monthly
Reports the number of new business incorporations and both business and consumer bankruptcies.

Business Conditions Survey — Quarterly
Manufacturers' views regarding anticipated production, orders and inventory levels.

Earnings and Employment Trends — Monthly
A comprehensive look at the labour market in British Columbia, this monthly publication provides sectoral analysis of the B.C. labour force and its wage structure.

Labour Force Survey — Monthly
A monthly summary of labour force conditions, showing employment and unemployment by age, sex, occupation and industry, with regional breakdowns.

Immigration Highlights — Quarterly
Features immigrant landings to British Columbia and Canada by place of origin, destination and immigration status: independent or dependent, entrepreneur, and investor.

Migration Highlights — Quarterly
Detailed current information on the flow of people between British Columbia and other provinces and territories. Also contains components of population change.

British Columbia Major Projects Inventory — Quarterly
Information on major capital projects, listed by development region and status (proposed, under construction, on hold, or completed.) Also includes regional profiles and maps.

PUBLICATIONS:

British Columbia Economic & Statistical Review — Annual
This publication is a valuable source of information on the province—its regions, provincial government programs and finances, economic growth and development, and demographic trends.

British Columbia Economic Accounts — Annual
Detailed look at the composition of B.C.'s economy, the contribution of industrial sectors and their change over time. Tables include income and expenditure accounts, current and constant dollar estimates, and price deflators.

British Columbia Manufacturers' Directory — Annual
This publication details over 7,200 manufacturers, including employment size code, commodities produced, export status and a contact name and address.

British Columbia Regional Index — Occasional
Detailed demographic and economic data by 8 development regions and 73 sub-areas in British Columbia.

Profile of Electoral Districts — Occasional
Provides detailed Statistics Canada data on the 75 new provincial electoral districts in British Columbia, based on the most recent Canadian Census data.

British Columbia Population Forecast — Annual
This 25-year forecast projects the composition of the total B.C. population by age and sex. The causes of population change—births, deaths, internal and international migration—are provided as well. Has feature articles on topical issues.

Regional Population Estimates and Projections —Annual
Detailed statistical tables provide historical and forecast population by age and sex, including components of change, for your choice of: regional districts or local health areas.

DISKETTES:

British Columbia Statistics - BCSTATS
Current statistics on B.C., with regional profiles. Three updates per year.

British Columbia Manufacturers' Directory
Disk version of the publication. (Requires dBASE III Plus™)

British Columbia Wholesalers' Directory
Disk version of the publication. (Requires dBASE III Plus™)

British Columbia Economic Accounts
Current and historical data for detailed analysis of the accounts.

Regional Population Estimates and Projections
Disk version of publication.

Translation Master File
A geographically cross-referenced database linking all 100,000 postal codes to B.C. geographic regions.